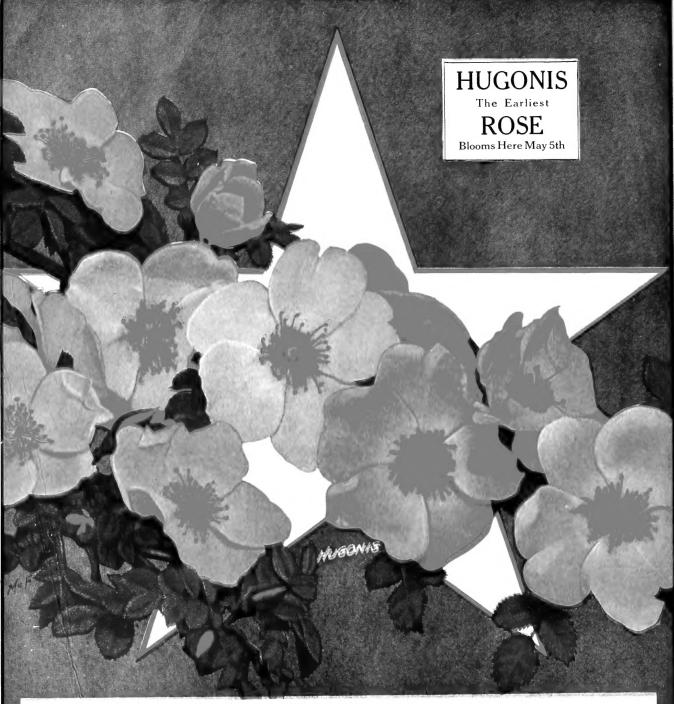
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Do not assume content reflects current scientific knowledge, policies, or practices.





THE CONARD & JONES CO., Rose Specialists, WEST GROVE, PA.



A New Species Unlike Any Other Rose

★"HUGONIS"

Recently Brought from China Hardy Anywhere in U. S. A.

This Rose is a spectacular show in itself. Every branch of the previous year's growth becomes lined on both sides, to the very tip, with closely set, wide open, single flowers like dainty yellow hollyhocks, and the branches bend over with the weight of bloom.

This unique species is fine for shrub planting and makes a symmetrical bush about 6 feet in height and the same in diameter when fully matured. Picture this exquisite bush on your lawn, or at the corners of

your house, in early spring. Think of the pleasure of looking forward daily from about the last week in April, when the buds begin to form, till the plant is a mass of fairy-like fluffy bloom the first week in May. When through blooming you will still have a most beautiful bush, for the acacia-like foliage on arching branches makes a most decorative shrub which, as far as we are aware, is never touched by disease of any kind but is clean and healthy always.

Earn distinction by being the first to introduce this unique Rose in your neighborhood

Prices for OWN-ROOT Plants. 1-yr., pot-grown, \$1, postpaid. ★ 2-yr., field-grown, Star size, \$2.50. ★ Extra size, \$5 □

CU 31 191



Now, If Ever, Get Guaranteed Stock, From a Firm in Which You Have Faith

In no other line we know is it so important to deal with a firm which has earned a good reputation. When you purchase Nursery Stock, you buy but the beginning of things. The Flowers, Fruits, and Full Grown Plants from seeds or roots develop later, after you have spent your time and thought in caring for them. Then it is that quality counts, and the little more which you paid at the beginning sinks into insignificance as compared with the increased satisfaction you feel from a superior product.

So it pays to prove your firm. This we invite. We believe we are right with our aim—our customer's

satisfaction.

We have hitched our reputation to a Star, and on every star-sized Rose which you buy from us, you will find fastened our copyrighted celluloid star, with the name of the Rose on it, as your make-good guarantee. The guarantee is as follows: Every Rose must be in good condition when received, and, further (and no other firm we know stands back of their Roses like this), we guarantee every Rose to bloom the first blooming period after planting (you to protect from insects and severe winters). If they do not bloom, you return the Star and get your money back.

A Guarantee depends, not so much upon what is said, as upon who says it. This firm is backed by more than fifty years' experience, the training of two generations, and over twenty years of first-hand active study and whole-time participation on the part of the present principals. These are the factors which figure in the product that this firm and this book offer you.

The awards from leading National and international exhibitions on two continents give evidence of our leadership in our line. Our Vice-President is undoubtedly the leading hybridizer of Cannas in the world.

We maintain active affiliation in the National as well as state horticultural organizations, especially in

the American Rose Society.

We point with especial happiness to the large proportion of our helpers who, except for War Service, have been for years a part of our business family. Without these faithful helpers, we could not maintain the customer confidence which we now enjoy. These facts form the foundation upon which we should like, in our dealings with you, to raise the structure of mutual confidence. In spite of its thorns we think we have the most fascinating business on earth. Please let us hear from you early.

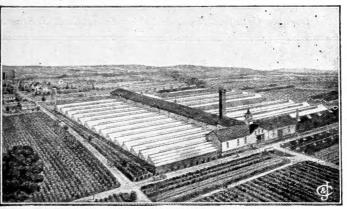
AN INVITATION

During the summer and autumn months we have many acres of flowers in bloom. This is a good time to select the flowers of your choice. Visitors always welcome.

GUARANTEE

Such as has been made by no other firm. We quarantee C. & J. Roses to bloom the first regular blooming period after planting, or your money back.

(This does not cover loss by insect pests or winter-kill.)



Our greenhouse plant is thoroughly equipped with all the modern appliances for growing Roses of the very best quality

≪TheValue of a Guarantee Depends Mainly upon the Reliability of the House Behind It→

To Whom It May Concern: November 25, 1919.

It affords us pleasure to testify to the high character and standing of The Conard & Jones Company. It is composed of practical, up-to-date nurserymen and Rose specialists. In our opinion, any statement they may make or any agreement into which they may enter can be absolutely relied upon.

THE NATIONAL BANK OF WEST GROVE, PA.

Parcel-Post Delivery to Your Door

Practically all the items of small size in this catalogue are offered with delivery charges prepaid.

This includes one-year-old plants, bulbs, and seeds, **BUT**—

Larger plants, including two-year-old Roses, shrubs, and other items will be found with a

after each price.

This sign indicates the items on which transportation is not prepaid. This does not mean that the cost of delivery is expensive. It is very inexpensive. The goods may be delivered by the American Railway Express Company, in which case delivery charges will be collected, upon

delivery, by your Express Agent.

On the other hand, you may find it more convenient to have your goods sent by parcel post,

On the other hand, you may find it more convenient to have your goods sent by parcel post, postage to be paid on delivery. If you wish goods delivered by parcel post, please say so when ordering. To the right is a schedule of likely postal charges on delivery when two-year or larger sizes are sent. Parcel-post charges are usually less than express charges east of the Mississippi. Plants vary in weight, so transportation will vary accordingly. Our figures, however, are as near right as we can estimate them.

Postage Charges on Two-Year Dormant Plants will average about as follows:

7 70NF AG 2 3 4 5 5 plants 8c. 12c. 19c. 26c. 33c. 41c. 48c. 10 plants 20c. 35c. 50c. 65c. 81c. 96c. 12c. 79c. 1.16 1.53 1.91 2.28 25 plants. 23c 42c

2-Year Size Potted Plants Will Cost About Twice Above Rates

NOTE.—An additional charge of 13 cts., over the regular postage, is required. This includes 10 cts. for collecting and returning postage and 3 cts. for return money-order fee.

These cities are in the zones indicated: 2d zone, Philadelphia, Baltimore, Washington, and Richmond. 3d zone, Boston and Pittsburgh. 4th zone, Cincinnati. 5th zone, Chicago.

THE CONARD & JONES CO.,

ROBERT PYLE, President
ANTOINE WINTZER, Vice-Pres.

R. T. SATTERTHWAITE
ELLEN PYLE, Treasurer

R. T. SATTERTHWAITE, Secy.

West Grove, Pa.

First Come Best Served, and Why!

Because Roses are scarce—more scarce than we have ever known them to be. We estimate that there are, on the average, three purchasers for every Rose that will be offered for American gardens this coming spring, and even Mexico is coming back to us for large quantities of Roses, as in pre-war times.

But it is not the increase in demand so much as the short supply that prompts us to warn our patrons of exact conditions—Roses are scarce for many reasons:

Ist. The Federal Horticultural Board have erected, in Quarantine 37, an embargo barrier which shuts out from America all foreign-grown Roses, except Novelties. These imports in the past amounted to over 3,000,000 Roses a year, according to census reports.

2d. The supply of American-grown Roses is far below normal, due to wartime and post-wartime conditions, viz.: Government 50 per cent restriction on coal; deflection of labor in the North to strictly war work, and in the South to growing high-priced cotton, left growers the alternative of paying prohibitive prices for labor or reducing their output, and the output was reduced. Today Roses are scarce, there is no doubt of that. Fortunately, for us, we expect to have our full

quota of stock; we foresaw the situation and supplemented our own supply early. We believe we shall be prepared to fill all orders as usual, but we are thus forewarning our patrons to place their orders early so that stock can be reserved and sent at right planting-time.

Another point, which all know, is the "reduced purchasing power of the dollar." We know we could get more money for Roses than we ask; our business needs it, and at the present cost of living, our workers need it. On the other hand, we know that our workers cannot benefit (and everyone of us here are workers) unless we first benefit our patrons. Every solid business is founded on that law, but what means quite as much to us is to attain our ambition and cherished desire—that C. & J. patrons shall get the best that their money will buy in any market, that is why our prices are not higher.

Nursery agents, as a rule, where found today, are offering Roses for sale at \$1.50 each. The Roses listed below are as large or finer, and you can order easily by mail for only \$1 each, or at less than \$1 if you order ten or more at one time. If you would get the best, don't delay, order today and get *Star Brand Roses*.

Look for the Durable Celluloid Name Label on Every C. & J. Star Size Rose

Index to The Best Roses for America (TWO)

Intelligent buyers will appreciate this classification, we believe, showing Rose families, etc.

•	HOWING	11036
June-Blooming Roses-		Page
(Which make a glorious		
Season" and are entirely l		
North.)		.18-25
Hardy Climbing Roses ar		
Covering Archways, Trellis		
Walls and Buildings		.18-21
Wichuraiana or Memorial Re		
Rugosa Roses (very hardy).		22
Moss, Briar, Provence Roses		
Green, Blue, and Striped I		
Extraordinary		23
Hybrid Perpetual Roses		.24-25
Ready-made Collections of C	hoicest H.P.	S25
Roses Selected for Northern (limates	25
Colored Cover-page Offers		2, 50

Page
Everblooming Roses—
(The following will bloom from spring until
frost, but require winter protection in the latitude of Pennsylvania.)
Our Reliable Collection and Other Sets
10, 14, 16, 19, 25, 50
Hybrid Tea Roses10-13
Tea Roses15
Polyantha Roses16
Bourbon, Bengal, and China Roses17
Climbing Roses of the Everblooming Class17
"How to Grow Roses." A Book 9
Rose-Garden Requisites49
Insecticides49

Abbreviations Used

Applevi	ations
A.B., Austrian Briar Ben., Bengal	H.S.B., briar
Bou., Bourbon	H.T., I
C.Ben., Climbing Ben- gal	H.W.,
Ch., China C.H.T., Climbing Hy-	M., Mo
brid Tea	Mult.,
C.P., Climbing Poly- antha	P., Pol
C.T., Climbing Tea	Per., Pe
Dsk., Damask H.B., Hybrid Briar	Rug., F
H.Ch., Hybrid China	Spec., S
H.M., Hybrid Multi- flora	T., Tea
H.P., Hybrid Perpetual	W., V
H.R., Hybrid Rugosa	Mem

n.s.b., nybrid sweet-
briar
H.T., Hybrid Tea
H.W., Hybrid Wichu-
raiana
M., Moss
Mult., Multiflora
N., Noisette
P., Polyantha
Per., Pernetiana
Rug., Rugosa
S.B., Sweetbriar
Spec., Species
T., Tea
T.P., Tea Polyantha
W., Wichuraiana, or
Memorial

VARIETY	CLASS	Page	ı-yr.	★ 2-yr.	VARIETY	CLASS	Page	ı-yr.	★ 2-yr.	VARIETY	CLASS	Page	ı-yr.	★ 2-yr.
			cts.	cts.				cts.	cts.				cts.	cts.
Aglaia	Mult.	*		75	Augustus Hartmann	H.T.	*	35		Betsy Van Nes	P.	*	35	
Agnes Emily Carmen	H.R.	*	35		Baby Doll	Р.	16	35	\$1		H.T.	13		\$1
Alberic Barbier	H.W.	*	35		Baby Dorothy	Ρ.	16	35	\$1	Birdie Blye	H. Ch.	17	30	
Alexander Hill Gray	Т.	15	35		Baby Rambler, Crimson	P.	16	35	\$1	Blanc Double de Coubert	H.R.	*	35	
Alice Aldrich	H.R.	22	35	\$1	Baby Rambler, Pink	P.	16	35	\$1	Blanche Moreau	M.	*	35	
Alister Stella Gray	N.	17	35		Baby Rambler, White	P.	16	35	\$1	Blue Rose	Mult.	23	35	75
	Mult.	21	35	75	Baby Rambler, Yellow	P.	16	35	\$1	Blumenschmidt	T.	15	35	
American Beauty	H.P.	24	- 00	\$1	Baby Tausendschon	P.	*	35		Bon Silene	T.	15	35	
American Beauty, Climbing	C.H.W	20	35	\$1	Ball of Snow	H.P.	24	35		Bride	T.	15	35	
	H.M.	21	35			H.P.	*	35		Bridesmaid	T.	*	35	
	H.P.	24	35	SI		H.P.	24	35	\$1	Bridesmaid, Climbing	C.T.	*	35	
	Ben.	17	30		Beaute Poitevine	H.R.	*	35		British Queen	H.T.	13	35	\$I
Arthur R. Goodwin	H.T.	*	35		Beauty of Rosemawr	Bou.	*	35			Bou.	17	35	
	H.W.	20	50		Bessie Brown	H.T.	*	35		Captain Christy	H.P.	24		\$1
Aviateur Bleriot	H.W.	18	35	\$1	Bess Lovett	H.W.	18	35		Captain Hayward	H.P.	*	35	1

Rose Specialists



COMPLETE INDEX TO THE BEST ROSES FOR AMERICA, continued

								→ ·	-	_				-	_
VAR	IETY	CLASS	Page	ı-yr.	± 2-yr.	VARIETY	CLASS	Fage	ı-yr.	★ 2-yr.	VARIETY	CLASS	Page	1-уг.	2
-ino		ит	*	cts.	cts.	Kaiserin Aug. Vic., Climbing.	CHT	17	cts.	cts.	Mrs. Chas. E. Pearson	нт	*	cts.	15
rmine Pilla	г	C.H.T.	*	35		Katharina Zeimet	P.	16	35 35	SI	Mrs. Charles Russell	H.T.	II	35 35	
simir Moul	le	H.W.	*	35		Killarney	H.T.	II	35	\$1	Mrs. Foley Hobbs	T.	*	35	
ampion of	he World	Bou.	*	35		Killarney Brilliant	H.T.	II	35	\$1	Mrs. George Shawyer	H.T.	II	35	
arles Wagn	er	H.P.	*	35	0-	Killarney Double, Pink	H.T.	*	35	\$1	Mrs. H. T. Hillas Mrs. Herbert Stevens		*	35	
	los Vougeot		12 20	35	\$1	Killarney, White La Detroit	H.T.	13	35 35	\$1	Mrs. John Laing		25	35 35	
			17	35		Lady Alice Stanley	H.T.	IO	35	\$1	Mrs. Robert Peary	C.H.T.	17	35	
ssie Easlea			*	35		Lady Gay	H.W.	*	35		Mrs. W. C. Miller	H.T.	II	35	
imbing Ros	es17-21					Lady Ashtown		II	35	\$1	Natalie Bottner		*	35	
10		H.P.	24	35	\$1	Lady Battersea		12	2=	\$1	New Century Nova Zembla	H.R.	22	35	
oth of Gold	ert	T P	17	35		Lady Hillingdon		15	35 35		Old-Gold	H.T.	23	35 35	
otilde Soup	rt, Climbing.	C.T.P.	17	35	\$1	Lady Mary Ward	H.T.	*	35		Ophelia	H.T.	II	35	
	iamson		13	35	\$1	Lady Pirrie	H.T.	*	35		Orleans	P.	16	35	
lumbia		H.T.	13	50	\$1.25	Lady Plymouth	T.	*	35		Orleans, Climbing	C.P.	17	35	-
	a du Parc		*	35	6	Lady Roberts		15	35		Panama	H.T.	*	35	
nrad F. Me	yer Alpes	H.K.	22	35	\$1	Lady Ursula	п.т.	II	35	\$1	Papa Gontier Paul Neyron	H P	15 25	35	
quette des	Blanches	н.г.	*	35 35		La France, Climbing	C.H.T.	17	35 35	φı	Paul's Scarlet Climber	H.W.	18	35 50	
			*	35		La France, Red	H.T.	II	35	\$1	Pernet's Triumph		*	35	-
ronation		H.W.	18	50	\$1.50	La France, Striped	H.T.	*	35		Pharisaer	H.T.	13	35	1
untess Clar	william	H.T.	*	35		La France, White	H.T.	*	35		Premier	H.T.	II	50	1
	osford		II	35	\$1	La Reine	H.P.	*	35		Philadelphia	Mult.	21	35	-
			23		\$1 \$1	La Tosca	H.I.		35	Sı	Pillar of Gold	D. 1.	16	35	-1
ily Mail	e	Per	23		\$1	Leonie Lamesch	P.	12	35 . 35	ĎΙ	Prince C. de Arenburg	Ĥ.T.	12		1
			23		75	Le Poilu	H.W.	*	35		Prince Camille de Rohan	H.P.	25	35	
voniensis		T.	15	35		Lillian Moore	H.T.	13	50		Prince de Bulgarie	H.T.	II	35	Į
W. Van F	eet	H.W.	20	35	\$1	Longwood	H.W.	18	50	\$1	Princess Adelaide		*		
rothy Denr	ison	H.W.	18	25	\$1	Los Angeles		II *	2-	\$1.50	Princess Bonnie		18	35	
othy Derk	ns ns. Red	H.W.	19	35	75	Louise Walter		17	35 30		Prof. C. S. Sargent Purity		18	35	-
othy Perk	ns, Red ns, White	H.W.	10	35 35	75 75	Mme. Abel Chatenay	H.T.	II	35	\$1	Queen Beatrice	H.T.	II	35	- 1
chesse de	Brabant	T.	15	35	,,,	Mme. Alfred Carriere		17	35		Queen's Scarlet	Ch.	*	35	
chess of Al	Brabant bany ellington	H.T.	II	35	\$1	Mme. Camille	T.	15	35		Radiance	H.T.	50	35	
chess of W	ellington	H.T.	13	35	\$1	Mme. Caroline Testout	H.T.	II	35	\$1	Radiance, Red	H.T.	50	35	
			12	35		Mme. C. Testout, Climbing.	C.H.T.	17	35		Rainbow	T.	*	35	
roed Mawl	ey	HT.	16	35		Mme. Chas. Lutaud Mme. Charles Wood		*	35		Red-Letter Day	н т	12	25	
n Poulser		T.P.	*	35 35		Mme. de Vatry		15	35 35		Rainbow Rayon d'Or Red-Letter Day Red Radiance. Reine Marie Henriette	H.T.	50	35	
press of Cl	ina	C.Ben.	17	35		Mme. de Watteville		*	35		Reine Marie Henriette	C.H.T.	17	35	
	lorff		16	35		Mme. Driout	C.T.	17	35		Reine Marie Henriette Rene Robins.	H.T.	*	35	
	ce		12	35	\$1	Mme. Edouard Herriot	Per.	23		\$1	Renee W. Urban	H.T.	*	35	
ile de Lyon		T.	15	35		Mme. Eugene Marlitt		17	35	0-	Reve d'Or	II.T	*	35	
ile de Mai	t	P.	*	35		Mme. F. Kruger		15	35	\$1	Rhea ReidRichmond	H.T. H.T.	12	35	
			24	35 35	SI	Mme. J. Gravereaux		17	35 35		Rodhatte	P.	*	35	
			18	35	75	Mme. Jules Grolez	H.T.	II	35	\$1	Rosa rubiginosa	S.B.	23		
elsa		H.W.	19	35	75	Mme. Leon Pain	H.T.	*	35		Rose d'Evian	. T.	*	35	
	ite		*	35		Mme. Margottin	T.	*	35		Rosiere	H.W.	18	35	
	field		*		75	Mme. Maurice de Luze	H.T.	*	35	0-	Ruby Queen	H.W.	18	35	
	berton		24	35	\$1	Mme. Melanie Soupert Mme. Norbert Levavasseur.	H.1.	13	35	\$1 \$1	Rugosa alba	H R	22	30	
	Key		*	35	ΨL	Mme. Plantier		*	35 35	PI	Rugosa rubra	Rug.	22	30	
u Karl Dru	schki	H.P.	24	35	\$1	Mme. Ravary		13	33	\$1	Safrano	T.	*	35	
iherr von l	Iarschall	T.	*	35		Mme. Schwaller	H.T.	*	35		Shower of Gold	H.W.	18	35	
			19	35	75	Mme. Segond Weber	H.T.	*	35		Silver Moon	H.W.	18	35	
	eminot		24	35	\$1	Mme. Wagram	C. I.	*	35	0-	Sir Thomas Lipton	H.K.	22	35	
	rthur		12	35	\$1 \$1	Mile. Cecile Brunner, Climb-		16	35	\$1	Soleil d'OrSolfaterre	N N	23	25	
orge Arend	S	H.P.	24	35 35	\$1	ing		17	35	\$1	Souv. de la Malmaison	Bou.	*	35	
	n		12	35	\$1	Mlle. H. Gambier	H.T.	13	35	-	Souvenir de P. Leperdrieux	H.R.	22	35	
orge Elger.		P	16	35	\$1	Madison	T.	15	35		Souv. de Pierre Notting	. T.	15	35	
ire de C. C	uinoisseau	H.P.	24		\$1	M. Scalarandis	Ben.	*	35	0	Souv. du Pres. Carnot	H.T.	*	35	
	gottinise		*	35		Magna Charta		25	35	\$1	Souv. of Wootton. Souv. of Wootton, Climbing	CHT		35	
			24	35 35	\$1	Maman Cochet, Pink	T.	14	35 35	\$1	Sunburst	H.T.	17	35	
den Ramb	er		17	35	,.	M. Cochet, Pink, Climbing.	C.T.	17	35	\$1	Sunburst, Climbing	C.H.T	. 17	33	
en Rose		Ch.	23	35		Maman Cochet, Red	T.	14	35	\$1	Sunset	. T.	*	35	
iss an Aacl	en	T.P.	16	35	\$1	Maman Cochet, White	T.	14	35	\$1	Sweetbriar	. S.B.	23	1	
iss an Tepl	itz	H.I.	12	35	\$1	M. Cochet, White, Climbing.	C.T.	17	35	0-	Sweetheart Climbing	CD	16	35	
iss an Tepi Hev	itz, Climbing.	H.T	17	35	\$1	Marechal Niel	T.	17	35	\$1	Sweetheart, Climbing	HT.	*	35	
rison's Vell	OW.	AR	23	35	\$1	Marie Lambert	T.	*	35		Taft Rose Tausendschon Thousand Beauties Tip-Top Ulrich Brunner Universal Favorite	Mult	21	35	
ry Kirk	cech	T.	*	35	**	Marie Pavie	T.P.	16	35		Thousand Beauties	Mult.	21	35	
art of Fran	e	H.Ch.	17	30		Marie Van Houtte	T.	15	35		Tip-Top	. P.	16	35	
nrich Mun	ch	H.P.	*	35		Marq. de Querhoent Marshall P. Wilder	T.	15	35		Ulrich Brunner	. H.P.	25	35	
en Good	y	L.	15	35		Marshall P. Wilder	H.P.	25	35	\$1	Universal Favorite	H.W.	18	35	
nry Martin		M.1.	12	35	75	Mary Lovett	H.T.	20	35	\$1	Umversal Favorite Veilchenblau. Vick's Caprice Violet-Blue Viridiflora Wartburg. Wellesley. White American Beauty Wichmoss	H D	23	35	
mosa.		Ch.	17	35 35	\$1	May Queen	H.W.	20	35 35	75	Violet-Blue	Mult	23	35	
watha		H.W.	18	35	75	Memorial Roses	H.W.	18	33	13	Viridiflora	Ch.	23	35	
osier Beau	y	H.T.	12	35	\$1	Meteor	H.T.	*	35		Wartburg	Mult.	*	33	
gh Dickson		H.P.	24	35	\$1	Meteor	C.H.T.	17	35		Wellesley	H.T.	11	35	
go Roller.		T.	15	35		Minnehaha	H.W.	18	35	75	White American Beauty	H.P.	24	35	
b Fireflam		Spec.	2		\$2.50	Miss Alice de Rothschild	T.	*	35				23	35	
hella Spru	it	т.1.	13	35	\$1	Miss Messman	T.M.	21	35	75	Wichuraiana Wichuraiana, Variegated	W.	18	35	
nes Sprunt	it	C.Ben	15	35 35		Molly Sharman-Crawford Mosella, Climbing	CTP	17	35 35		Wm. Allen Richardson	N.	17	35	
B. Clark	• • • • • • • • • • • • • •	H.P.	24	35	\$1	Moss Roses	M.	23	33		Wm. R. Smith	T.	15	35	
nn Hopper.	• • • • • • • • • • • • •	H.P.	*	35	-	Mousseline	M.	*	35		William Shean	H.T.	*	35	
in Keynes.		H.P.	7	35		Mousseline Mrs. Aaron Ward	H.T.	13	35	\$1	Winnie Davis	H.T.	II	35	
	Mock	HT	IO	35	\$1	Mrs. Andrew Carnegie	H.T.	*	35		Winter Gem	T.	*	35	
kheer J. L	ste Victoria	11.1.	25	35	\$1	Mrs. A. R. Waddell	TY OF	II	35 35	\$1	York and Lancaster	T .	23	-	

WEST GROVE, PENNA.





of having them when and where and how you like. The fragrant ones especially you will want near you, so that their most subtle charm may not be lost.

Before you start to make your Rose pictures, study and plan a bit. It is even stimulating to read Dean Hole's "Book About Roses." Thus he warns you—

"He who would have beautiful Roses in his garden must have beautiful Roses in his heart. He must love them well and always, with no ephemeral caprice, like the fair young knight, who loves and who rides away when his sudden fire is gone from the cold white ashes. The cavalier of the rose has semper fidelis on his crest and shield. He is loyal and devoted ever, in stormfraught or in sunny days; not only the first on a summer's morning to gaze admiringly on glowing charms, but the first when leaves fall and winds are chill, to protect against cruel frost."

Americans as yet have not begun to learn what wide variety of use and arrangement is possible with Roses. So many otherwise well-informed citizens think of Roses in two forms at the most, viz. in the climbing or the bush form. It would be as adequate to think of satisfactorily classifying all kinds of weather as either sunshine or storm or all hard-wooded plants as either trees or shrubs.

From plants that hug the ground to those that would almost cover a church, we have Roses of almost every imaginable size and habit of growth. There is no dearth of material for practically every place and purpose.

So when you look out of your window while the ground is still frozen and perhaps snowclad, and with thoughtful eyes begin to paint pink and white and yellow and red into the possible places on your lawn where the Roses may be blooming when June comes again, do you know which Roses to get and

how to arrange them?

Perhaps a few hints will help you. First look along the outside border of your lawn or garden, usually an excellent place for shrubbery—waist-high bushes of robust growth and easy culture for such places get Rugosa or Moss Roses, pages 22 and 23, and then farther along the boundary border where a somewhat taller growth would fit with slightly weeping branches, arrange to plant the quaint Sweet Briar Rose, also offered on page 23. But more than anything else you will want Roses in Rose-beds. Even here there may be great variety. Low beds, about 12 inches high, and a mass of blooms for most of the season is possible if you plant Polyanthas or Baby Ramblers (page 16), closely together and keep the blooms cut off before they fade. This class is also coming to be used for beds that border walks and for edging flower-beds filled in with something taller in growth.

Again, you may maintain one or many Rose-beds from which to cut for bouquets, varieties that bloom faithfully and freely, and thus we come to the Teas, Bourbons, Bengals, and Hybrid Teas, etc. Select here with special care and do not hesitate about planting several of one kind, for often this is better than the same number mixed, for not only in the bed is it more effective but in bouquets also. Hybrid Teas are most largely planted of all types as they are hardier than the Teas and bloom almost as freely. It is best to plant Roses of each class by themselves as Teas, Hybrid Teas and Hybrid Perpetuals do not all grow alike. You will find this more fully explained on the following pages.

Rose Specialists



Learn the Characteristics of Each Family of Rose Childre 1 Before You Decide Upon Which Ones to Adopt

No other family of plants, probably, is more widely spread over the face of the earth than the Rose. Few other plants have in the same genus so many different types and species. Thus it is that, from the tiny midget Roses to those of untold age and marvelous

dimensions, we find every size of bush and almost every habit of growth.

Landscape architects, the expert users of Roses, call for many different types to fashion their garden pictures. You, too, reader, may add refreshing variety and the charm of novelty to your garden picture if, first, you know each separate family and its traits. To help you, we indicate below only a few of these families and the broader classifications. On page 8 are some of the ways in which Roses may best be used.

Compare each paragraph as numbered with corresponding illustration below, to assist in comparing types

1. Creeping Roses. See kind marked • on page 18.

The Wichuraiana Rose which clings close to the ground. It throws out runners which sucker and fasten themselves tightly, thus making them valuable on embankments, as "a thing of beauty," and also to prevent the soil from washing.

2. Baby Roses. See page 16.

Polyantha, also called Baby Ramblers, even in the bush form which do not ramble at all. They are remarkable for an almost constant display of bloom. Quantities of small blossoms in clusters cover the bushes throughout a longer uninterrupted period than almost any other family. They are used as individual specimens, for low hedges, for solid beds or for edging, and are unsurpassed for cemetery planting.

3. Bush Roses

We describe them here in two sizes (a) and (b).

(a) SHORT. 15 to 30 inches. See pages 15 to 17.

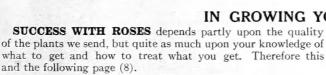
Most of the Roses in the Tea and Hybrid Tea classes, also the Bourbons, Bengals and Chinas, belong to this group, like the Killarneys, Cochets, and the Roses in our Reliable Dozen (p. 50).

(b) TALL. 3 to 4 feet or more. See pages 24 and 25.

Most of the Hybrid Perpetuals with larger and fewer flowers are in this group, and some Hybrid Teas, like Gruss an Teplitz. Among Hybrid Perpetuals, Hugh Dickson, J. B. Clark and Frau Karl Druschki often grow larger than the others.

4. Shrub Size Roses

We speak of this group in this manner because they are too large to plant with other Roses in the Bush Rose beds, but rather do they lend themselves for use on the lawn, either in groups or as specimens, much as you would plant shrubbery. The Rugosas, on page 22, make robust bushes, 3 to 4 feet through and 4 to 6 feet high. Some grow stronger than this. Their compactness and uniformity also commend them for hedge uses. Harison's Yellow (p. 23) is in the shrub class, as is the wonderful new Hugonis (inside front page); also the Sweetbriar and Moss Roses, p. 23.



Baby

Even Rose-growing may be discouraging, unless, in the first place, you have the knowledge of how to get what you want.

5. Pillar Roses

This term, or phrase, is better known and more used abroad than in America. May Queen Rose (p. 20), Golden Rambler (p. 17), and other Roses, including Birdie Blye (p. 17), and some too large to be well-behaved Bush Roses and not large enough to be vigorous climbers, are tied to a stake or support and called Pillar Roses. The stronger growing climbers, like American Pillar, may likewise be cut back and so trained.

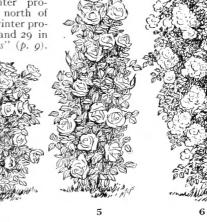
6. Climbing Roses

There is almost as much variety in Climbing Roses as in all above five groups combined. The most valuable group of Climbers are the hardy ones which bloom only during the spring and early summer—the Multifloras, and the Wichuraianas and their Hybrids, bloom in clusters. See pp. 18, 19, 20, and 21. Nearly all of these grow to a great height (see cut, p. 19). The Wichuraiana family has most pliable branches and are easily trained. The other large group of Climbers are less hardy but bloom riotously in the spring and some during summer and fall; they are climbing sports of the Teas, Hybrid Teas and Polyanthas (see page 17). Climbing Mlle. Cecile Brunner is a grand, hardy, everblooming climber.

Hardiness

All Roses on pp. 18 to 27 (except p. 23) are quite hardy. Roses, pp. 10 to 17 inclusive, need winter protection in latitude north of Philadelphia. For winter protection see pp. 28 and 29 in "How to Grow Roses" (p. 9).

Shrub Rose



Pillar

IN GROWING YOUR OWN ROSES

3(b)

Hybrid

3(a)

Tea and

It's the "know how" at the start that insures success and satisfaction at the finish.

You or your architect must picture your house before you build it; to do this, seeing what others have done will help you to formulate your own ideas, and, what is quite as important, to know your materials and their possibilities. Pages 7 and 8 are to help you "Know the joy of having your own Roses."



Rose Specialists

Creeping Roses

Climbing

Roses

A ROSE FOR EVERY PLACE AND PURPOSE

"The success of the Rose in this country is very largely a question of the selection of adaptable varieties."—DR. LIBERTY H. BAILEY.

The preceding page will help you, no doubt, to avoid selecting those Roses not well suited to your climate, and to a choice of the right ones for your locality. That is very important. Having received your Roses, do you yet realize in how many different ways they may be used, what clever, original, and decorative arrangements may be employed to make your home beautiful?

may be employed to make your home beautiful?

Let us note the climbing Roses, for example. It is difficult to imagine a home with grounds at all that is too small for at least one climbing Rose. A climbing Rose that covers the entire side of a house may need only two cubic feet of soil to grow in. (Please note in passing the rose-embowered house on page 19.) The ingenuity of our readers will conceive a greater variety of uses than the few examples pictured on this page. A much more complete treatment of the subject will be found in our book, "How to Grow Roses."

- 1. For Trellis. For covering a trellis, select from the climbers, pages 17 to 21, inclusive, and especially those on page 18. A trellis may be made of wood, wire, or other materials, and may be used about the house, porch, or garden, or for a screen.
- 2. For an Archway. Use the same varieties as for above. "Dig deep while sluggards sleep," and you'll have Roses galore. The archway is most effective over a pathway or entrance.
- **3. Pergola.** A pergola, like an open tunnel, made up of a series of connected arches, should be covered with the same varieties recommended for arches, and is a great addition to any garden.
 - **4. Fences.** First of all, plan for a substantial support, and choose, according to taste, from the long-branched climbers on pages 17 to 21, but especially on pages 18 to 21. If your fences are already in place, why not cover them with Roses, for this can be done for a slight additional expense. From a single bush, like Dr. W. Van Fleet, you can get hundreds of perfect, large, long-stemmed blooms every year, that city folks are glad to get for \$2 per dozen. These large-flowered hardy climbers make canes 10 to 15 feet long in a season, and bloom the second season after planting.
 - 5. Banks or Stumps. Any ugly or unsightly objects, from stumps to buildings, may be transformed into bowers of beauty. Expense is trifling, compared with the satisfaction. The hardy climbers, and especially Wichuraianas, are best for this purpose.

Grow Your Own Decorations for Weddings, Receptions, Commencements, and Celebrations

At the dedication of the National Rose Test Garden at Washington, D. C., Benjamin Hammond, then President of the American Rose Society, called attention to the beauty and appropriateness of a background such as there shown for a wedding ceremony. In the book "How to Grow Roses" is told of a most charming Rose-garden near Paris which is the setting for a permanent open-air theatre. Have you experienced the satisfaction of having plenty of Roses from which to cut for festal occasions, for decorations, for showering rose petals on guests to be honored, for carpeting

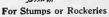
their pathway with velvet flowers?

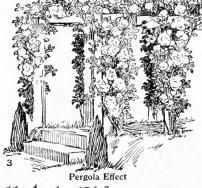
Shall we do less than the ancients and fail to use God's great gift of beauty to crown life's important events. For uses like these Roses lend themselves as does no other flower.

Join the American Rose Society

Eminent lovers of the Rose throughout America to the number of nearly two thousand have joined hands to foster and stimulate a wider interest in, and to improve the excellence of the Rose for Americans.

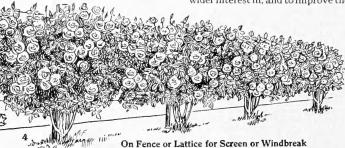
To each member is sent a valuable and comprehensive survey of present-day Rose progress. A cloth bound book of 180 pages, edited by J. Horace McFarland, President of The American Civic Association, will give you the latest and best information about new Roses and why which are best, etc. Your application for Membership with \$2 per year should be sent to Prof. E. A. White, Secretary, Cornell University, Ithaca, N. Y., or to Robert Pyle, President American Rose Society.





For an Archway

For Trellis







"HOW TO GROW ROSES"

By ROBERT

A cloth-bound book, 121 pages-16 full-page color plates. 80 instructive illustrations

If you simply wanted something to read, without any idea of getting instruction about growing Roses, you might turn to this book and be delightfully entertained for an hour or so. In this way, it is an unusual Rose book; for in it you will find how the famous "attar of Roses" is made, how to make Rose beads, something about "the Red Rose Church" at Manheim, and also about the most beautiful Rose-garden in the world.

To a lover of Roses, there is more than this; for a beginner is told how to begin, how to establish ideals, and get started right; after which comes the valuable "Calendar of Operations," telling when and how to prune, spray, fertilize, and otherwise care for Roses the year round. There is a chapter on "Where to Plant Roses," and others on drainage, soil, and fertilizers. You are told how to handle the plants when you receive them and the best way to mulch and protect them during the winter. Further on is a most valuable list of

Roses, with instructions for pruning each one. The book ends with a list of "Roses Arranged in Classes," valuable to any lover of "The Queen of Flowers." Price, \$1, postpaid.



Price \$1, postpaid

THIS BOOK WILL HELP YOU ENJOY YOUR ROSES

I have read "How to Grow Roses" twice and consider it the most valuable work on Roses for America ever sent out. Its construction is admirable and shows thought and wisdom. The calendar gives valuable instructions in a nut shell and your cuts on drainage, pruning, etc., are just right. The whole work is admirable and you should be proud of it.

Sincerely yours, W. C. Egar Egan "Egandale," Highland Park, Illinois.

"THE MOST VALUABLE WORK ON | C. & J. ROSES, TOGETHER WITH | DEPARTMENT OF FLORICULTURE "HOW TO GROW ROSES" INSURE SUCCESS

I have your book "How to Grow Roses" and by following instructions as to covering, I saved nearly all of my Roses (I have 75); at least 50 are Teas or Hybrid Teas, the thermometer went down to 21 degrees below zero so you can see I am proud of my strong plants. This is my fifth year's purchase from your firm, and I'm well pleased.—Mrs. W. M. B., St.

I wish to take this opportunity to thank you for the copy of "How to Grow Roses." I have analysed the book carefully and I was amazed at the way you put all your information on this wonderful flower into such a small volume. It is certainly a creditable piece of work and by far the most practical treatise on the subject that has come to my notice.

Sincerely yours, Prof. Arno H. Nehrling, Massachusetts Agricultural College.



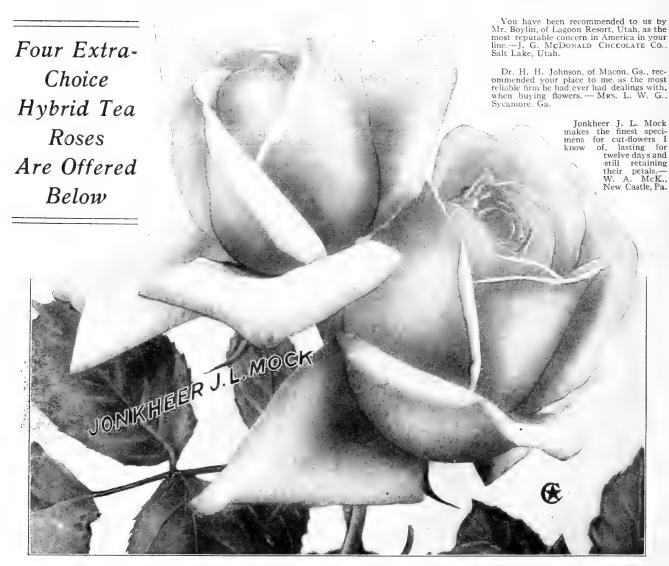
If one man and his wife elect to create and maintain a Rose garden such as this for their family and friends, why should others not follow their good example? Your own public park could double and treble its present popularity by growing Roses. We can prove it by those who have tried. If you wish more information, write us about this.



AS A SAMPLE OF THEIR SIZE

This Picture Will Give You a Hint of Our Hybrid Tea Roses

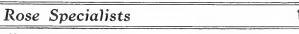
On the Next Pages All Other Illustrations Show Form but Not Full Size

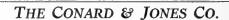


- ★JONKHEER J. L. MOCK. The color is carmine on the outside, and imperial pink on the inside of the flower. The blooms are very large, perfectly formed, and highly perfumed. Plant an entire Rose-bed of this one kind.
- ★LAURENT CARLE. Flowers deep, brilliant, velvety carmine, very large and of perfect form. It is intensely fragrant and always opens freely. A vigorous grower and a Rose you can depend on for quality blooms.
- **★LADY ALICE STANLEY.** Perfect in every way. The flowers are large, fragrant, and freely produced. Color, coral-rose, the inside of the petals shading to flesh-pink. A great favorite and grand for bedding.
- ★SUNBURST. Color a rich cadmium-yellow, with orangeyellow center. Bud is elongated and flowers are mediumsized and fairly full. Considered a very fine yellow Rose. Good for bedding and cut-flowers.

PRICES	NOTE QUANTITY RATES	Each	10 for	25 for	Set of 4
- 4 .4	1-yr., Pot-Grown Plants, Postpaid.		\$3 15	\$7 00	\$1 25
	★2-YR., FIELD-GROWN STAR ROSES	1 00 🗆	9 00 🗆	20 00□	3 60□

🕽 C. & J. STAR SIZE ROSES DO NOT LOSE THEIR IDENTITY. THE NAME ON THE DURABLE CELLULOID LABEL STAYS THERE





EVERBLOOMING HYBRID TEA ROSES

Buy

are

This, we believe, is the most popular class of Roses now in cultivation. These varieties are the result of a union between the Everblooming Teas and the hardy Hybrid Perpetual class, thus combining the exquisite richness of coloring and beauty of form in the one with the hardiness, vigorous growth and pungent fragrance of the other.

It is rather exceptional in the Roses of any other class to find so many excellent qualities; and when you add the splendid feature of blooming so freely and continuously throughout the season, it is easy

to understand why these Hybrid Tea Roses are so popular.

Lack of space prohibits our giving full descriptions to all the Roses we have in stock. Some which we have in only one-year size are listed in the index, but no description given.

You may find here some favorites well worth your attention.

SHADES OF PINK

+COLUMBIA. (New.) See illustration and description, page 13. ★COUNTESS OF GOSFORD. Salmon-pink, suffused saffronyellow. An exceptionally fine Rose that does not fade. It makes strong canes, and the magnificent flowers come on firm, upright stems. A showy variety.

*DUCHESS OF ALBANY (Red La France). Closely resembles the peach-blossom-pink La France, but much deeper in color, so it is called "Red La France." The flowers are very double and full and deliciously sweet; in color lovely rose-pink, very deep and exquisitely shaded.

★JONKHEER J. L. MOCK. See illustration and desc., page 10. *KILLARNEY. Remarkable for its freedom of bloom and the large size of its intensely fragrant flowers. The buds are large, long, and pointed. Color is exquisite—a brilliant imperial pink, sparkling and beautiful almost beyond description. A bed of these beauties in full bloom is a sight not easily forgotten. Plan for a "Killarney" bed this year and have Roses to cut from June till frost.

***KILLARNEY BRILLIANT.** Flower is somewhat larger, and a more brilliant pink than the parent Killarney.

LA DETROIT. Color, shell-pink, shading to soft rose. Flowers are large, full, and finely formed; very free blooming.

*LADY ALICE STANLEY. See description, page 10.

★LADY ASHTOWN. Pale rose, shading to yellow at base of petals. Flowers large, full, and pointed. An ideal Rose, as it grows strong, erect, and branching.

★LA FRANCE. This Rose was introduced in 1867 and has been a favorite ever since. Both buds and flowers are of lovely form, grand size, and very highly perfumed. Color peach-

blossom-pink, clouded with rosy flesh.

★LOS ANGELES. Truly a magnificent Rose in vigor of growth, color, form, fragrance, and, in fact, in everything required of a first-class Rose. The color is a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and they expand into an intensely fragrant, beautiful flower of large size. \(\pm2-\text{-yr.}\), field-grown, Star size only, \$1.50 each, 10 for \$13.50, 25 for \$30 □. (See cut page 12.)

★MME. ABEL CHATENAY. A Rose of most beautiful form,

full and double. Rich golden pink, flushed orange and fawn.

★MME. CAROLINE TESTOUT. Large, full flowers and handsome buds which resemble the famous La France Rose. Color is clear, rich pink, finely edged with silvery rose. In great demand for mass planting.

★MME. JULES GROLEZ. A fine Rose for making a solid bed, well-formed and double. Color rose and satiny pink.

★MRS. A. R. WADDELL. A very handsome Rose, very free flowering and most attractive in half-opened bud form. Color is soft rosy salmon, suffused with a golden sheen.



SHADES OF PINK, continued

★MRS. CHARLES RUSSELL. This is called the Pink American Beauty. Color is a lovely bright rose-pink, deeper toward the center. Buds large and pointed.

★MRS. GEORGE SHAWYER. Brilliant clear rose, splendidly formed. Large, full, double flowers on stiff, erect stems.

Extra fine in the autumn.

★MRS. W. CHRISTIE MILLER. Soft pearly blush color, shaded salmon. The petals are wavy or crisped, distinct and novel in shape. The plant is perpetual flowering.

The blooms come on strong stems, and the perfectly formed flowers are

very lasting when cut. (See cut.)

PREMIER. (New.) A magnificent novelty with splendid, double, large, fragrant flowers of rich, deep rose-color. It is practically thornless and is destined to become very popular. 1-yr. 50 cts., ppd.; 2-yr. size pot-plants, \$1.25 \(\) \rightarrow PRINCE DE BULGARIE. Flowers very full, exquisite

silvery flesh-color. An excellent bedding Rose. Sweet-scented and fine also for cutting.

★QUEEN BEATRICE. A very fine, bright pink Rose, the color being clear and brilliant. The buds and flowers are large and finely formed. An excellent garden variety.

***RADIANCE.** An ideal bedding variety of very free-flowering habit. Color rosy carmine and soft pink. (See back cover.)

★WELLESLEY. Color rose-pink and silvery rose. The plant grows vigorously, making splendid, well-formed bushes that produce flowers the entire season.

★WINNIE DAVIS. Apricot-pink, shading to flesh-pink. Flowers well-formed, full, fragrant, and freely produced.

PRICES	NOTE QUANTITY RATES	Each	10 for	25 for
For any of the above (unless otherwise	1-yr. Size, Pot-Grown Plants, Postpaid		\$3 15	\$7 00
noted)	★ 2-YR. FIELD-GROWN STAR ROSES	1 00	9 00□	20 00□

LOOK FOR THE DURABLE CELLULOID NAME LABEL ON EVERY C. & J. STAR ROSE



"How to Grow Roses." Price, \$1 This book is well worth its cost EVERBLOOMING HYBRID TEA ROSES



Los Angeles (New). \$1.50 each, 10 for \$13.50 □. See page II

This Rose was awarded a Gold Medal, highest award, at the Bagatelle Gardens, France, where it was in competition with the best of the new Roses from all over the world. Los Angeles is an American Rose.

RED SHADES, DARK AND LIGHT

- ★CHATEAU DE CLOS VOUGEOT. Velvety maroon, shaded with fiery red. It is as dark as the famous Hybrid Perpetual "black" rose, Prince Camille de Rohan, but richer in color and it blooms more freely. Fully double and very fine. * 2-yr. Star size only.
- ECARLATE. Medium-sized blooms of an intensely brilliant scarlet. This Rose produces more bloom in a season than any other in this class. Flowers are semi-double and have lovely bright golden
- anthers in the center. 1-yr. 35c., ppd., and 2-yr. pot plants 75c. each □ ★ETOILE DE FRANCE (Star of France). Intensely brilliant crimson, with the center a vivid cerise-red. A deliciously sweet-scented The flowers are large, of cupped form, very full and abundantly produced the entire season. Highly recommended.
- ★GEN. MACARTHUR. Brilliant, glowing crimson-scarlet; a splendid garden Rose. Very sweet-scented. One of the earliest to bloom and the flowers are constantly produced the whole growing season.
- ★GENERAL-SUPERIOR ARNOLD-JANSSEN. Deep, glowing carmine. The flowers come on strong stems, suitable for cutting. Buds are long, finely formed, and the color of the open flowers is very effective.
- ★GEORGE DICKSON. Velvety black-crimson, back of petals heavily veined with deep pure crimson-maroon. This is not a perpetual bloomer but the flowers are so large, so brilliant and deliciously sweet-scented that a place should be kept for this Rose in every garden. Gold Medal, N. R. S.
- ★GRUSS AN TEPLITZ. Dark rich crimson, passing to velvety fiery red. An exceptionally free bloomer and one of the brightest colored red Roses grown. The canes are strong and vigorous, producing blooms constantly from June till frost. A very fragrant variety and no trouble to grow.
 - ★HADLEY. Deep velvety crimson that does not fade. Makes enormous intensely sweet-scented, perfectly formed flowers. Noted for its vigor of growth, freedom of flowering, and brilliancy of color.
 - **HELEN GOULD.** Rich, vinous crimson in color, somewhat resembling a luscious, ripe watermelon. The flowers are large, full, and deliciously sweet-scented. They are produced freely throughout the growing season on strong stems. A splendid flower for cutting. I-yr. 35 cts., postpaid, and 2-yr. pot plants 75 cts. each [
- ★HOOSIER BEAUTY. A large, full flower with well-shaped buds; color is an exceptionally attractive, glowing crimson; sweetly scented. The plant is a vigorous grower and one of the most attractive reds in cultivation. Highly commended.
- ★LADY BATTERSEA. Lovely wine-red flowers and long-pointed buds. Blooms are large and fully double. * 2-yr. Star size only.
- **LAURENT CARLE.** Brilliant, velvety carmine. Flowers large, of perfect form and intensely fragrant. One of the finest Roses grown as it produces its splendid flowers throughout the season and the blooms come nearly as good in hot, dry weather as under more favorable conditions.
- ★PRINCE CHAS. DE ARENBURG. Color, lively clear scarlet. with deeper shadings. The bud is heavy and pointed, developing into a beautiful full flower of great size. * 2-yr. Star size only.
- **RED-LETTER DAY.** An exceedingly beautiful, semi-double Rose. Its velvety, brilliant, glowing scarlet-crimson buds and fully opened, cactus-like flowers never fade. 1-yr. 35 cts., postpaid, and 2-yr. pot plants 75 cts. each [
- ***RED RADIANCE.** Clear cerise-red which does not fade. Makes a large, double bloom. An ideal bedding Rose, producing its beautiful flowers throughout the summer when other Roses fail. (See this in color on back cover.)
- ★RICHMOND. Bright, glowing crimson-scarlet. Produced on long stems suitable for cutting. The flowers are not very double but the buds are perfectly lovely and you will find this Rose almost constantly in bloom.

PRICES	NOTE QUANTITY RATES	Each	10 for	25 for
For any of the above (unless otherwise	1-yr. Size, Pot-Grown Plants, Postpaid	\$0 35	\$3 15	\$7 00
noted)	★ 2-yr. FIELD-GROWN STAR ROSES	1 00	9 00□	20 00□

Printed Celluloid Labels for C. & J. Star Roses Are Neat, Unique and Durable; You Can Obtain Them Here Only

Rose Specialists



EVERBLOOMING HYBRID TEA ROSES, continued

WHITE, CREAM AND TINTED

- **★BRITISH QUEEN.** A large-flowered, free-blooming Rose, pure white, with a slight flush of pink in the bud stage. Vigorous in growth and makes shapely bushes.
- ★COL. R. S. WILLIAMSON. A magnificent Rose, satiny white, with deep blush center. The large, firm flowers are freely produced on strong stems all the growing season
- *KAISERIN AUGUSTE VICTORIA. This is one of the most beautiful Roses grown. Its extra-large, exquisitely formed flowers are borne singly on strong upright stens, making it very popular as a cut-flower. Buds are long and the flowers very full, deep, and sweet-scented. Color, pure white, slightly tinged lemon-yellow, giving a rich cream effect and very lovely.
- ★KILLARNEY WHITE. A pure white sport of the famous and popular pink Killarney, producing the same beautiful flowers in great profusion.
- ★PHARISÄER. A splendid Rose; strong grower and very floriferous. Color is rosy white, shaded with salmon. The buds are long and open into large, well-formed flowers

YELLOW AND COPPER SHADES

- **★BETTY.** A Rose in great demand on account of its unique coloring, being a coppery rose overspread with golden yellow. The first flowers, early in the season, are sometimes distappointing, but when it becomes established they are marvelously beautiful. The blooms are extremely large, fairly full, and of glorious form. ★2-yr. Star size only.
- ★DUCHESS OF WELLINGTON. A delightfully fragrant, free-flowering Rose, intense saffron-yellow, sometimes stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance, making them lasting when cut. Exceptionally fine for bedding.
- ★IRISH FIREFLAME. A large-flowered single Rose which is splendid for cutting for sprays when in bud form. The spiral shaped buds are gloriously beautiful, coming in clusters of five or more at a time; color a rich deep orange, splashed with crimson, opening to large flowers of satiny old gold, shaded with ochre.
 - LILLIAN MOORE. (New.) Makes a perfectly formed flower, large and full. Color deep pure Indian yellow, deeper in the center. 1-yr. pot plants only, 50 cts. postpaid.
- ***MME. MELANIE SOUPERT.** A magnificent, semi-double flower, especially fine in bud form. Color is an attractive tint of salmon-yellow, suffused with pink and carmine One of the most popular bedding Roses on account of its freedom of bloom.
 - MLLE. HELENA GAMBIER. A grand everblooming Rose. Lovely canary-yellow, with deep peachy red center, changing to creamy pink as the flower opens. A strong, healthy grower and free bloomer. 1-yr. pot plants only, 35 cts., ppd.
- **★MME. RAVARY.** Long, pointed buds of beautiful golden yellow, opening to large, full orange-yellow flowers. Free-flowering and strong in growth. Very fine. ★2-yr., Star size plants only.
- ★MRS. AARON WARD. Fine Indian yellow, sometimes washed with salmon-rose. Flowers are full double and as attractive when full blown as in the bud state. The young foliage is a rich, bronzy green.
- ★SUNBURST. (See cut.) Color a rich cadmium-yellow, with orange-yellow center. A magnificent free-blooming variety, especially handsome in bud form. A vigorous grower with flowers of elongated cup form. Valuable as a cut-flower.



★COLUMBIA. (New.) A splendid, large, fully double Rose of very lasting qualities. It is a strong grower, almost thornless, and the brilliant rose-pink flowers are most attractive. 1-yr. 50 cts., postpaid; ★ 2-year Star size, \$1.25 □



	-			
PRICES	NOTE QUANTITY RATES	Each	10 for	25 for
For any of the above (unless otherwise	1-yr. Size, Pot-Grown Plants, Postpaid	\$0 35	\$3 15	\$7 00
noted)	★2-YR. FIELD-GROWN, STAR ROSES	1 00 🗆	9 00□	20 00□

The Celluloid Labels on C. & J. Star Size Roses Are Unique. The Labels Are Durable, So You Can ALWAYS Know Your Roses



ROSES ON THESE BUSHES Six Weeks or Less After Planting

After Planting



THE GREAT COCHET SET

★ Pink Maman Cochet

The flowers are of enormous size, very full and of great depth and substance. Color rich coral-pink, elegantly shaded with rosy crimson; has broad, thick, shell-like petals and makes superb, long-pointed buds; produces flowers the whole growing season. Deliciously sweet and a hardy, vigorous grower. It ranks among the very first hardy everblooming Roses.

★Red Maman Cochet

(Mrs. B. R. Cant)

Produces great masses of splendid Roses the whole growing season. Flowers are extra large, perfectly double, and deliciously sweet. Color bright rose-red, elegantly shaded and exceedingly beautiful. It is one of the most vigorous-growing varieties in this class, making bushes that often have 75 or more blooms on in June. In this locality it has proved quite hardy and dependable in every way. Fine for cutting for indoor decoration.

★White Maman Cochet

A splendid Rose; has all the good qualities of Pink Maman Cochet, but is pure snow-white, with outside petals tipped pink in the autumn; large and fragrant, hardy and productive.

> Plant at

Least

20 One each of the above Roses in 1-yr. size, 90 cts., postpaid; in ★2-yr. field-grown, Star size, \$2.70 □

WHEN IN DOUBT

Order the Cochet and Killarney Roses. (Order them anyway, you cannot have too many.) They can be grown as easily as Geraniums and they produce quantities of perfect blooms.

4 EXQUISITE KILLARNEY ROSES Hardy, Perfect in Form, Fragrance, and Everblooming Qualities

★PINK KILLARNEY. Remarkable for its freedom of bloom and the large size of its intensely fragrant flowers. The buds are large, long, and pointed. Color is exquisite—a brilliant imperial pink, sparkling and beautiful almost beyond description. A bed of these beauties in full bloom is a sight not easily forgotten. A bouquet of these Roses is always a welcome gift.

*WHITE KILLARNEY. More double than Pink Killarney, and the flowers, made up of long, firm petals, are pure waxy white and very sweet.

*ORANGE KILLARNEY (Duchess of Wellington). Flowers are an intense saffron-yellow or orange-color. sometimes stained with deep crimson; very attractive and without a rival in this class and color. An entire bed of this one variety makes a lovely show and provides lots of blooms for cutting. (See cut.)

*KILLARNEY BRILLIANT. Flower is larger, more double and a more brilliant pink than the parent Killarney. It is also fragrant and blooms freely.

One each of the 4 Killarney Roses in 1-yr. **20FFER> 14a** One each of the 4 Killarney Roses in 1-yr. size, \$1.25, postpaid; ★2-yr. field-grown, Star size plants, the 4 for \$3.60 □ Ten this Beauty

Bud of Duchess of Wellington (Orange Killarney)

PLANT THE COCHET AND KILLARNEY SETS AND HAVE ROSES TO GIVE AWAY Each 10 for 25 for PRICES For any of the above 1-yr. Pot-grown Plants, Postpaid \$3 15 \$7 00 (unless otherwise ★2-YR. FIELD-GROWN, STAR ROSES..... 20 00 noted) 1 00 🗆 9 00 🗆

Ignorance Is Not Bliss When You Can't Name Your Own Roses. C. & J. Star Size Plants Have Durable Celluloid Labels

Rose Specialists

Maman

SHADES OF RED

BON SILENE. Noted for the great size and beauty of its buds. Color is bright, rich, rosy crimson. I-yr. only.

MME. DE VATRY. Rich crimson-scarlet. Makes lovely buds and blooms freely all the growing season. I-yr. only.

★MRS. B. R. CANT. The Red Maman Cochet. See page 14. **★PAPA GONTIER.** Rich, rosy red, very full and sweet-scented. An old and valued Rose.

SHADES OF PINK

DUCHESSE DE BRABANT. Clear pink; beautiful, free bloomer; makes splendid buds and large, double, fragrant flowers; it blooms constantly. I-yr. only.

HELEN GOOD. Color is a delicate pink, shaded deeper pink at edges. Maman Cochet type. 1-yr. only.

MME. CAMILLE. Clear rosy flesh, passing to salmon-pink; a magnificent Rose for outside planting. 1-yr. only.

★MAMAN COCHET, PINK. See page 14.

★WM. R. SMITH. Cream-color with soft pink shading, the base of the petals buff-yellow and the center a heart of pink. Makes exquisite buds and entirely double flowers. This is one of the finest Tea Roses ever grown, the exquisite flowers being produced on sturdy, well-shaped bushes. See cut.

APRICOT AND YELLOW SHADES

ALEXANDER HILL GRAY. Deep lemon-yellow which intensifies as the blooms develop. A perfectly formed flower with a high-pointed center. (See cut.) 1-yr. only.

BLUMENSCHMIDT. Pure citron-yellow, outer petals edged rose. A large, full flower, delicately tea-scented. 1-yr. only.

ETOILE DE LYON. Clear, bright golden yellow; makes beautiful buds and is very double and sweet. *I-yr. only*.

ISABELLA SPRUNT. Bright canary-yellow; fine for cutting. Flowers medium-sized but very freely produced. *1-yr. only*.

LADY HILLINGDON. Makes exquisite buds of deep apricotyellow, shading to orange. Deliciously fragrant. A perfectly formed flower and free-blooming. 1-yr. only.

LADY ROBERTS. Reddish apricot, passing to deep coppery red, with orange shadings. A wonderfully free bloomer, with most exquisite buds and deliciously fragrant. 1-yr. only.

***MME. F. KRUGER.** Deeply shaded coppery yellow flowers which bloom constantly. Especially suited for bedding.

MARQUISE DE QUERHOENT. Persistent bloomer; flowers of good size, full and sweet; color, beautiful china-rose, salmon, copper, and golden yellow. *1-yr. only*.

SOUV. DE PIERRE NOTTING. Rich orange-yellow, marked with carmine-rose. Blooms are large and well formed and borne on strong canes. *1-yr. only*.

WHITE AND TINTED SHADES

BRIDE. Large, long buds and perfect flowers of creamy white. One of the best known Roses for indoors. *I-yr. only*.

DEVONIENSIS. Creamy white, with rosy center. An old Tea Rose and a favorite for many years. The flowers are large and very full to the center. 1-yr. only.

HUGO ROLLER. Called the "pictorial" rose because of its coloring—light lemon-yellow, sometimes a rich cream-color, dashed with crimson. The flowers are medium in size, of good shape, and bloom freely. 1-yr. only.

MADISON. Cream-white, sometimes tinted pink Similar to Bride, but more vigorous in growth and a better bloomer. I-yr. only.

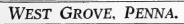


WHITE AND TINTED SHADES, continued
★MAMAN COCHET, WHITE. See description, page 14.

MARIE VAN HOUTTE. Soft nankeen-yellow, passing to creamy white and shaded rich pink. An unusual Rose in color, with fine form and good habit of growth. It blooms freely and is highly recommended. 1-yr. only.



PRICES	NOTE QUANTITY RATES	Each	10 for	25 for
For any of the	\$0 35	\$3 15	\$7 00	
above	★2-YR. FIELD-GROWN, STAR ROSES (only those marked with ★)	1 00	9 00□	20 00





HARDY POLYANTHA or POMPON ROSES

FINE FOR CEMETERY PLANTING—THESE ROSES BLOOM PROFUSELY FROM JUNE TILL FROST



White Baby Rambler. Note the perfect mass of bloom

Standard Polyanthas EVERY ONE WINNER

*BABY DOLL. See Tip-Top, described next column.

ECHO. A soft tender pink color. Flowers resemble the hardy climber "Thousand Beauties." *1-yr. size only.*

ERNA TESCHENDORFF. Flowers darker red than Red Baby Rambler. Extra fine. *1-vr. size only*.

★GEORGE ELGER (Yellow Baby Rambler). Rich chromeyellow, double, dainty flowers. The plant produces *quantities* of these charming, delightfully fragrant, perfect little Roses from June till frost.

*MLLE. CECILE BRUNNER (Sweetheart). No Polyantha Rose in existence can surpass this exquisite variety, with its sprays of rich, rosy pink baby buds, which open into lovely, perfectly double, miniature flowers of seashell-pink. From a row or bed of Mlle. Cecile Brunner you can have flowers all season for wreaths, bouquets, or vases. A few blooms will perfume a room. (See cut.)

★ORLEANS ROSE. Color is brilliant geranium-red, suffused with rose, and center white. The flowers come in great trusses and if the old blooms are kept cut off you can have a bright show from this Rose from June till frost, as it is exceedingly free flowering. Habit is dwarf and bushy. Awarded a gold medal.

★SWEETHEART. See Mlle. Cecile Brunner.

Tea Polyanthas (Large Flowering)

CLOTILDE SOUPERT. Very double and deliciously sweet; beautiful creamy white, deepening at center to a clear, bright pink. Buds do not always open perfectly. *1-yr. size only.*

★GRUSS AN AACHEN. The petals shade from delicate flesh-pink and yellow on the outside to deep salmon-pink in the center of the flower. Makes an immense, perfect flower and very free blooming.

MARIE PAVIE. The unsurpassed Bush Cemetery Rose.
Blooms unceasingly all season. White, with delicate rose center. It is quite hardy. 1-yr. size only.

Ideal for Bordering Beds, Edging Walks, and Planting in Solid Beds

You cannot resist being enthusiastic over this splendid class of Roses for they surpass all others in the quantity of bloom they produce. Being perfectly hardy, low in growth and continuous bloomers, they are taking the place of Geraniums, for once planted

they are there to stay and increase in beauty yearly.

In this class are different varieties of Polyanthas, such as the Baby Ramblers, the small-flowered or standard Polyanthas, and the large-flowering kinds, such as Clotilde Soupert, Marie Pavie and Gruss an Aachen. All are suitable for bordering paths where a continuous show of bloom is desired, but for edging flower-beds the bright-blooming, dwarf-growing Baby Rambler types are the most desirable. When planting in quantity you will find it best to use all one color, either Red, White, Pink or Yellow. A planting of mixed colors is usually less effective. Keep the dead flowers cut off and encourage fresh bloom.

Use Baby Ramblers for Bright Edging

4 COLORS—RED, WHITE, PINK, AND VARIEGATED They bloom unceasingly and are quite hardy.

See prices at foot of page

★RED BABY RAMBLER (Mme. Norbert Levavasseur). Grows 18 to 24 inches. Flowers are borne in clusters of 20, 30, or more, resembling the Climbing Crimson Rambler.

★PINK BABY RAMBLER (Baby Dorothy, or Maman Levavasseur). Beautiful bright pink. Blooms in masses, like the climbing Dorothy Perkins Rose as shown on page 19.

★WHITE BABY RAMBLER (Katharina Zeimet). Each branch bears from 15 to 50 little creamy white flowers. Note the quantity of bloom shown in illustration at top of page.

★TP-TOP (Baby Doll). This is a "true tricolor" Rose and the most unique variety in this class. It contains shades of old gold, lavender, pink and tinted white, a bewitching combination. The buds are most exquisite, showing rich yellow with pink tips and the plant blooms continuously. It grows only 15 to 18 inches high.- A bed of this Rose is a constant delight.

20FFER> 16 1 each of the above 4 continuous blooming Roses, 1-yr. size, \$1.25, ppd.; \star 2-yr. Star size, \$3.60



A bed of Mile. Cecile Brunner (Sweetheart) gives bloom from June till frost. Exquisite bouquets are made with this dainty, free-flowering, fragrant baby Rose

PRICES	NOTE QUANTITY RATES	Each	10 for	25 for
For any of the above (unless otherwise	1-yr. Pot-Grown Plants, Postpaid	\$0 35	\$3 15	\$7 00
noted)	★2-YR. FIELD-GROWN, STAR ROSES	1 00 🗆	9 00□	20 00□

Our Durable Celluloid Star Labels Will Not Let You Forget the Names of the Roses You Are Growing



ABUNDANT-BLOOMING, FRAGRANT ROSES

ALL ARE HARDY AND BLOOM ALL SUMMER

BENGALS

ARCHDUKE CHARLES. Rich, bright red; full and double; entirely hardy, excellent for open-ground planting. 1-yr. size only, 30 cts., postpaid.

LUCULLUS. (Red Pet). The "Black Rose." Splendid rich crimson, full and double. Flowers medium size. 1-yr. size only, 30 cts., postpaid.

BOURBONS

BURBANK. One of Luther Burbank's productions and an excellent Rose. Flowers 3 to 3½ inches across, double and sweet; bright rose-pink, shading to silver-rose. Almost identical with the famous, continuous-blooming Beauty of Rosemaur. 1-yr. size only, 35 cts., postpaid.

MME. EUGENE MARLITT. Fragrant, vigorous-growing and abundant-blooming. Color is rich carmine-red. Flowers are large, full and double. This Rose requires very little care and it does well practically everywhere. 1-yr, size only, 35 cts., postpaid.

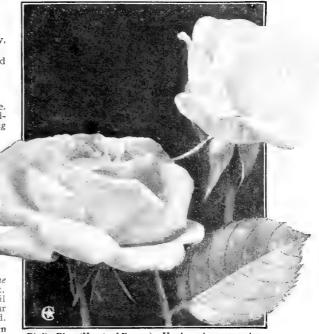
CHINA ROSES

★HERMOSA. Blooms in clusters all season; clear, bright pink; double and fragrant; quite hardy. I-yr., 35 cts., postpaid; ★ 2-yr. Star size. field grown, \$I □

VIRIDIFLORA (The Green Rose). See page 23.

COUSIN OF THE CHINA FAMILY

BIRDIE BLYE, (HEART OF FRANCE.) Blooms constantly from early June till freezing weather. Bright, satiny rose blossoms, quite double, fragrant, and over 3 inches in diameter. The buds are a bright carmine until they open. It is exceedingly hardy, and on November 14, 1918, after four heavy white frosts, the plants were still blooming. 1-yr. only, 30c., ppd. I am glad to get some Birdie Blye. There is not another semi-climbing Rose known that is such a persistent bloomer, at least in New England climate.—A. J. F., New Bedford, Mass. October 24, 1917.



Birdie Blye (Heart of France). Hardy and an unceasing bloomer. Grows here about 4 feet high

All-Season Blooming Climbers for Moderate Climates

NOISETTES (for the South)			CES
MOISEIII	(for the South)	Post-	
Name	Description	paid 1-yr.	2-yr. ★
Cloth of Gold (Chromatella)	Bright yellow	cts. 35	cts.
Golden Rambler (Alister Stella Gray)	Rich apricot-yellow, changing to white with yellow center. Very sweet and an incessant bloomer	35	
Mme. Alfred Carriere.	Large, full flowers, double and sweet; color is creamy white, tinged with pale yellow.		
★Marechal Niel	The most magnificent of all yellow ever- blooming climbing Roses, produc- ing masses of deliciously fragrant, fully double, golden yellow blooms. Northern customers should plant "Hardy Marechal Niel" (Gardenia) offered on page 19	25	Sı
Wm. Allen Richard-	Large, full flowers of coppery yellow, tinged carmine; very fragrant		
CLIMBIN	G BENGALS		
Empress of China James Sprunt	Fragrant rich red flowers which shade to cherry-pink Deep cherry-red flowers, rich and velvety. Medium size	35	
CLIMB	ING TEAS		
Mme. Driout (Striped Reine Marie Henriette)	Pink, striped with carmine. Blooms all summer.		
Mme. Jules Grave- reaux	Pinkish yellow with rosy peach center	35	1,
★Cl. Maman Cochet Pink	Coral-pink, shaded rosy crimson. See cut, page 14	35	\$1
Cl. Maman Cochet White	Pure snow-white when fully open	35	

CLIMPING III	VDDID TEAC	PRI	CES
CLIMBING H	Description	Post- paid 1-yr.	2-yr.
Cl. Gruss an Teplitz	Crimson, passing to velvety, fiery	cts.	cts.
Cl. La France Cl. Mme. C. Testout	red Fine peach-blossom-pink Clear rich pink finely edged with	35 35	
Cl. Meteor	silvery rose	35	
Mrs. Robt. Peary	Jacqueminot	33	
Reine Marie Henri -	Auguste Victoria	33	
Cl. Souv. of Wootton	double and fragrantOne of the most beautiful. Pure rich velvety red flowers of large size and delightfully fragrant.	33	
★Cl. Sunburst	Orange-copper and golden-yellow flowers, large size and perfectly formed. The buds are especially handsome	35	\$1
CLIMBING PO	OLYANTHAS		
★Cl. Clotilde Soupert	tinted in the center with blush- pink. Flowers very double	35	\$1
★Cl. Mlle. Cecile Brunner (Sweetheart) Bloomed freely at West Grove until Nov. 14.	in beautiful sprays from spring		Sı
Cl. Mosella	Pretty, buff-colored, medium- sized fragrant flowers		
★Cl. Orleans (New)	Geranium-red, with white center. Makes immense flower-heads.		\$1

HARDY MEMORIAL OR WICHURAIANA ROSES



Sun-dial and archway beautified

WILL BLOOM LUXURIANTLY IN OUR COLDEST CLIMATE

They will climb when trained, and the kind marked • creeps along the ground as: closely as an ivy and makes a dense mat of shiny, dark green foliage. The leaves are of leathery texture, practically insect-proof, and remain green on the plants nearly all winter. They bloom in profusion during June and July, and the single ones bear red berries in the autumn. Hardy, and when once planted

take care of themselves. Excellent for training over graves (hence called Memorial Roses) or over rough ground, rocks, or banks.

, , , , , , , , , , , , , , , , , , , ,	r-yr.	2-yr.	size
If you want BUSH Cemetery Roses, use Polyanthas. See page 16		2 3	SIZC
A AVI A PETITO DI EDICIE M. 1	cts.	cts.	cts
*AVIATEUR BLERIOT. Makes clusters of perfectly double,			
medium-sized, fragrant blooms, of rich, deep, saffron-yellow,			
deepening in the center to copper or golden vellow. Foliage			
is so shiny it seems glazed and is insect- and disease-proof.	35	\$1	1.25
★CORONATION. Makes beautiful sprays of exquisite crimson-	00	"	. 0.
scarlet flowers, with a dainty flake of white on some of the petals.			
which are quilled, giving a soft and unique appearance to each			
The are quincy, giving a soft and unique appearance to each			
cluster. This new, rare Rose has our highest recommendation	50	1.50	
DOROTHY DENNISON. Lovely salmon-pink flowers, perfectly			
double. Makes large clusters		\$1	1.25
*EVANGELINE. Single flowers, 2 inches in diameter. Color white		" -	0
with tips of petals pink; deliciously fragrant	35	75	\$I.
★HIAWATHA. Bears large clusters of single flowers of intense	33	13	Ψ.
deep crimson, with the petals shading to pure white at the base:			
deep crimson, with the petals shading to pure write at the base;			44
bright, effective, and useful for planting in masses	35	75	\$1
LONGWOOD. Flowers produced in immense open clusters			
and are very durable. Color is pure, light pink. Foliage is large,			
leathery, and very dark green. A magnificent Rose	50	\$1	

When you plant Wichuraiana Roses on an embankment to preserve it from washing away, it pays to plant in pockets of good soil to give the roots a vigorous start. **★MINNEHAHA.** Double satiny pink flowers...

★RUBY QUEEN. Large flowers of rich ruby-rec with a clear white center..... ★SHOWER OF GOLD. Deep golden yellow an

orange flowers borne in fine trusses. Foliage is exceptionally beautiful..... ★SILVER MOON. The grandest white climbing

Rose. Flowers are very large, semi-double, and when open resemble a white clematis, with rich golden stamens in the center. ★UNIVERSAL FAVORITE. Double Pink Me

morial. Perfectly double flowers of bright pink ★WICHURAIANA. • The Hardy Single White Me morial Rose. Will grow in sun or shade, poor ground or rich. Single blossoms, pure satiny white with bright golden stamens in center. It is especially useful for growing on embankments, as it grows close to the ground, rooting where the

impenetrable mat. ★WICHURAIANA, VARIEGATED. Foliage

beautifully variegated green and white, occasionally tinted pink. A novelty. I-yr., 35 cts, postpaid; *2-yr., Star size, 75 cts. □ WICHMOSS. See p. 23.

SOME VARIETIES IN 1-YR. SIZE ONLY

Price 35 cts. each, postpaid. (Unless otherwise noted.)

BESS LOVETT. Red. PAUL'S SCARLET CLIMBER. Vivid scarlet. Very fine. 50c., ppd. PROF. C. S. SARGENT.

Yellow. **PURITY.** Snow-white. **ROSIERE.** Cerise-pink.

Then you plant Wichuraiana Roses on an embank-	Post-		
at to preserve it from washing away, it pays to to it in pockets of good soil to give the roots a vigor- start.	paid 1-yr.	★ 2-yr.	Extra
	cts.	cts.	cts.
IINNEHAHA. Double satiny pink flowers CUBY QUEEN. Large flowers of rich ruby-red,	35	75	Sı
with a clear white center	35	75	Sī
HOWER OF GOLD. Deep golden yellow and orange flowers borne in fine trusses. Foliage is			
exceptionally beautiful	35	7.5	Si
ILVER MOON. The grandest white climbing Rose. Flowers are very large, semi-double, and when open resemble a white clematis, with rich			
golden stamens in the center	35	SI	1.25
NIVERSAL FAVORITE. Double Pink Me-			e
morial. Perfectly double flowers of bright pink.	35	7.5	Sī
VICHURAIANA. • The Hardy Single White Memorial Rose. Will grow in sun or shade, poor			
ground or rich. Single blossoms, pure satiny white with bright golden stamens in center. It is es-	1		
pecially useful for growing on embankments, as it			
grows close to the ground, rooting where the branches touch, so that in time it forms a thick,			
impenetrable mat	35	75	\$1
impenetrable mat	33	13	41. ₹
beautifully variegated	'		

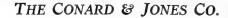


Railroad companies use Wichuraianas for maintaining embankments

Wichuraiana Roses

★ Extra.





FOUR COLORS-PINK, RED, WHITE AND YELLOW. HARDY EVERYWHERE

*DOROTHY PERKINS

Shell-Pink

Grows 10 to 15 feet in a season. Flowers are perfectly double, with petals crinkled, and color is a clear shell-pink; borne in immense clusters that cover the bush for several weeks in the spring. (See cut.) Price, 1-yr., 35c., postpaid; ★ 2-yr., Star size, 75c.; Extra size, \$1 □

* RED DOROTHY PERKINS

EXCELSA

The color is an intense, clear carminelake, a rich contrast to Pink Dorothy Perkins. Flowers are large and double, produced thirty to forty on a stem, and almost every eye on a shoot produces a cluster of bright blossoms. Price, 1-yr., 35 cts., post-paid; * 2-yr., Star size, 75 cts.; Extra size, \$1 🗆

You Surely Have a Place for Some of These Perfectly Hardy Climbing Roses!

YOU CAN USE THEM ON

PORCHES ARBORS **ARCHES PERGOLAS** CLOTHES-POSTS, FENCES, and OLD STUMPS OF TREES

Grow them on walls to hide unsightly buildings, on tops of banks to hang over the retaining walls; use them in tree-form and have one at every fence-post around your

If you need more than four kinds, select from the next two pages.

* WHITE DOROTHY

A pure white sport of the well-known Dorothy Perkins, of same habit of growth and freedom of flowering. A splendid companion for the pink variety, as it flowers at the same time. Awarded Gold Medal, National Rose Society, and Award of Merit, Temple Show, England. Price, I-yr., 35 cts., postpaid; * 2-yr., Star size, 75 cts.; Extra size. \$1

★ GARDENIA (Hardy Marechal Niel)

Yellow

Deep, rich golden yellow flowers, passing to creamy white. Blooms profusely and is as hardy as an oak. Flowers large and fine for cutting. Price, 1-yr., 35 cts., postpaid; * 2-yr., Star size, 75 cts.; Extra

The above 4 excellent Hardy Climbers, 1-yr. size\$1.25, postpaid
The above 4 excellent Hardy Climbers, *\delta 2-yr. Star size\$2.70 \(\text{\tinithte{\text{\te

MAKE YOUR HOME A BOWER LIKE THIS-START NOW-WAITING A SEASON MEANS LOSING A SEASON



Dorothy Perkins Rose at "Dreamwold," on the estate of Thos. W. Lawson in New England



WEST GROVE. PENNA.

FREE-FLOWERING HARDY CLIMBERS

LARGE-FLOWERING TYPES. WICHURAIANA HYBRIDS.

(See Prices Below)

★ DR. W. VAN FLEET (See front

The Flesh-Pink Climbing Rose. The parentage is Souvenir du Pres. Carnot × Rosa Wichuraiana. No other climbing Rose has ever created such favorable comment as Dr. W. Van Fleet, for the flowers are so perfect in every way—form, color, delicate fragrance—and borne on such long, strong stems. Cut a bouquet of this variety just before the flowers open, and you will find difficulty in procuring any other Roses to compare with them in sheer loveliness. When fully established you can expect several canes 10 to 15 feet long every season and these canes will produce masses of Roses the following June.

The splendid hearty growth, beautiful shiny bronze-green foliage, crimson thorns, and perfect hardiness, added to the exquisite blooms,

make this the choicest variety in this class.

Open flowers are 4 inches and over in diameter with high-built center and beautifully undulated and cupped petals. The color is a remarkably delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center. Flowers full and double, delicately perfumed; buds pointed; stems 12 to 18 inches long, fine for cutting. From one plant hundreds of Roses can be cut for your friends, for selling, or for indoor decoration.

"The Rose with 1,000 Perfect Blooms"

In 1910 I bought of you a Dr. Van Fleet Rose. Last year I cut from it by actual count 1,000 perfect Roses. Many also bloomed and died on the vine. Several dozen went by parcel post to Vermont and were reported to have kept in good condition nearly two weeks. I have not had or seen another Rose grown outdoors with so much of the delicate beauty that is usually produced only in a hothouse.—Miss F. B., Chevy Chase, Md. June 27, 1918. I am so delighted with the Dr. W. Van Fleet Rose that I want more like it.—Mrs. H. F. T., Fulton, Ky.

No. 15487. Three years ago I sent to your firm for a Dr. Van Fleet Rose and it is just fine. Everybody that sees it is in love with it.— Mrs. M. W., Frackville, Pa.



***AUNT HARRIET**

Originated by the famous rose-hybridizer, Dr. W. Van Fleet, and introduced 1918 by the Farm Journal, of Philadelphia. In full bloom it is amazingly fine with its masses of dazzling scarletcrimson Roses loading every branch. The bright effect is intensified by the pure white centers and brilliant golden anthers which shine out when the flowers are fully open. Awarded Certificate of Merit, American Rose Society. Price, 1-yr. 50 cts., postpaid; *2-yr., fieldgrown, Star size, \$1.50; Extra size, \$3 🗆

SELECT FROM THE LIST BELOW

WHEN YOU WANT OTHER LARGE-FLOWERED CLIMBERS IN OTHER COLORS TO PLANT WITH YOUR DR. W. VAN FLEET

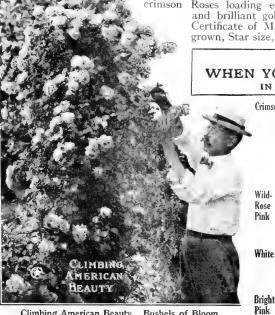
Crimson **CLIMBING AMERICAN BEAUTY.** (See cut.) Color rosy crimson, almost identical with its pollen parent, the American Beauty, and with the same exquisite fragrance, a quality rarely found in climbing Roses. Of strong habit of growth. Will thrive and bloom in almost any situation where a climbing or pillar Rose is desired. Flowers 3 to 4 inches in diameter, finely formed on long stems, are produced in great profusion.

★CHRISTINE WRIGHT. A very strong climbing Rose with large, thick, leathery green foliage, which is proof against mildew or black-spot. The flower is a bright, clear wild-rose pink, 3½ to 4 inches in diameter, double, borne singly and in clusters.

★GARDENIA. See description and price, page 19.

★MARY LOVETT. This is called the White Dr. W. Van Fleet Rose, for in general characteristics it is almost identical with the other famous variety. This Rose is pearly white and quite double.

★MAY QUEEN. Double Roses of enchanting, clear, bright pink, which come in such profusion as to almost cover the bush. Good, healthy foliage; the flowers are deliciously sweet. 1-yr. 35 cts., postpaid; ★2-yr., field-grown, Star size, 75 cts.; ★Extra size, \$1 □



Climbing American Beauty. Bushels of Bloom

PRICES For any of the above (unless otherwise noted)

YOU GET BOUNTIFUL REWARDS FROM HARDY CLIMBING ROSES	Each	10 for	25 for
1-yr. Size, Strong Plants, Postpaid	\$0 35	\$3 15	\$7 00
★2-YR., FIELD-GROWN, STAR-SIZE	1 00□	9 00□	20 00□
★ Extra Size Fine Field-Grown Plants	1 25 🗆	11 25 🗆	25 00□

Rose Specialists



FREE-FLOWERING HARDY CLIMBERS

American Pillar. Magnificent Every Way

My American Pillar Rose that I got from you two years ago was simply glorious—such an abundance of large clusters. I counted 94 Roses on one stem.— Mrs. C. A. Swett, Berkeley, Calif.

From the Editor of the American Rose Annual

THE CONARD & JONES CO.

I think you ought to be interested in a postscript I find today on a letter from Professor Sargent (of the Arnold Arboretum). It reads as follows: "Why is not the American Pillar about the best Rose ever produced in the United States? It is a very beautiful Rose for cutting and will keep in good condition for a long time." To all of which I heartily agree.—J. Horace McFarland's photograph on opposite page.

★AMERICA. A single-flowered pink climber, with clusters of large single flowers. I-yr., 35 cts., postpaid; ★ 2-yr., Star size, field-grown, 75 cts.; ★ Extra size, \$1 □ CRIMSON RAMBLER. Very liable to mildew. We do not offer it.

★MISS MESSMAN. The hardy climbing Crimson Baby Rambler. It blooms very freely in June and has a few flowers during the growing season. During 1919, an especially damp season, our specimen bush had blooms on all summer and until frost. 1-yr., 35 cts., postpaid; ★ 2-yr. Star size, field-grown, 75 cts.; ★ Extra size, \$1 □

★PHILADELPHIA. Splendid flowers 2½ inches across and perfectly double. Borne in grand clusters, completely covering the whole bush. Color pure deep rich crimson, far brighter and more intense than the old Crimson Rambler. Holds its bright, dazzling color a long while, which adds greatly to its value. I-yr., 35 cts., postpaid; ★2-yr., Star size, field-grown, 75 cts.; ★ Extra size, \$1 □

★Thousand Beauties (Tausendschön)

Imagine a luxuriant climbing Rose literally covered with thousands of bright blossoms, borne in clusters and quite double. Colors of every imaginable shade, from white to deep pink. A hardy vigorous grower with few thorns and handsome foliage. I-yr., 35 cts., postpaid; \star 2-yr., Star size, field-grown, \$1; \star Extra size, \$1.25 \Box

★VEILCHENBLAU (The Blue Rose). Flowers are rosy lilac when opening and change to a metallic blue. 1-yr., 35c., postpaid; ★ 2-yr., Star size, field-grown, 75 cts. □

We have always claimed that your firm is the most reliable and skillful grower of Roses in America, and have recommended your house frequently to our friends who have sent you many orders. In all our dealings with your firm, extending over several years, we have always received from you the stock which we bought. The Rugosa Magnifica plants are fine and the Hugonis and the Pillar Roses also. They are the kind of stock that justifies the reputation which your firm has acquired in Rose culture.—A. C. M., Caldwell, N. J.

MULTIFLORA OR CLUSTER-FLOWERED TYPES

*AMERICAN PILLAR

Introduced by the Conard & Jones Co.

Decided, 1918, by a vote of The National Rose Society of England as the "Most Popular Climbing Rose in Existence."

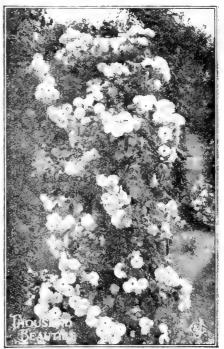
If ever there was a Rose constituted to stand the trying conditions of our American climate, we have it in this unique, hardy, free-blooming climber. It will thrive in poor soil as well as in rich, and insists on growing vigorously. It has stout, thick, curving branches, rather thorny, but furnished with an abundance of glossy dark green leaves. Each stem has 9 leaflets instead of the usual 7 or 5, a kind of double supply, which gives the bush a very rich effect. It is one of the first to start growth in the early spring, and here holds its leaves of lively green till far past Thanksgiving Day, and it is seldom troubled with insects. It begins blooming here early in June. Single flowers of rich, rosy pink approaching brilliant carmine, just a glint of white in the center, and long stamens of beautiful golden yellow. The blossoms—four to six layers deep—are arranged in large-flowered clusters all over the plant. We estimated certainly not less than 3,000 flowers on one young bush. A tremendous grower, with its thick vigorous canes, it is without doubt one of the most valuable single climbing Roses in existence and is unsurpassed for planting singly or as a hedge. In the autumn it is again a brilliant show of color with its pretty clusters of bright red seed-hips which remain on the bush until well into winter. I-yr., 35 cts., postpaid; *2-yr., Star size,

field-grown, 75 cts.; ★ Extra size, \$1.; Specimen plants, \$2 □

For Hedge Purposes

American Pillar makes strong canes that grow upright several feet before bending over, therefore a magnificent hedge can be made with this variety without the necessity of providing a support.

In June the entire bedge becomes covered from base to tip with the exquisite, delicately fragrant blooms, entrancingly beautiful and very lasting. 1-yr., 10 for \$3.15, postpaid; ★2-yr., Star size, field-grown, 10 for \$6.75; ★ Extra size, 10 for \$9; Specimen plants, 10 for \$18 □



Almost Thornless. Suitable for Arbors



IRONCLAD RUGOSA ROSES



The great Tea Rugosa. Produces bushels of bloom in June and blooms intermittently until frost

about the same in circumference. We have cut several hundred perfectly formed buds and full-grown flowers of immense size from the bush and about 100 blooms remain. . -Yours truly, M. B. M.

★NOVA ZEMBLA. (The White Conrad F. Meyer.) A magnificent Rose, perfectly formed. Resembles the Conrad F. Meyer in appearance and freedom of bloom. Color is almost white, with a pleasing flush of pink.

★NEW CENTURY. (Double Pink.) The result of a cross between the lovely everblooming Rose, Clotilde Soupert, and the hardy Rosa rugosa alba. The flowers are 3 to 4 inches across, perfectly full and double. The color is clear flesh-pink with light red center, and having all the petals widely bordered with fine creamy white; it is very sweet.

★ SIR THOMAS LIPTON (White Century). Early and constant in bloom, of most vigorous habit, ironclad constitution, producing a bush 5 or 6 feet high, and as great in diameter. Flowers snow-white and they come at intervals all summer. (See cut.) Extra-large 3-yr.old plants, \$2 each □. (We have the smaller sizes also.)

★SOUV. DE PIERRE LEPERDRIEUX. A fine, vigorous grower that bears double flowers in immense clusters; color brilliant, vinous red; deliciously sweet scented. Blooms all season.

★RUGOSA ALBA. Came from Japan. Single, pure white flowers of five petals and highly scented, followed by pretty berries. I-yr., 30c., postpaid; ★2-yr. Star size field-grown, 75c.; ★Extra size, \$1 □

★RUGOSA RUBRA. Another from Japan. Flowers a beautiful, bright rosy crimson and single, succeeded by large berries of rich, rosy red. ı-yr., 30 cts., postpaid; ★2-yr. Star size field-grown, 75 cts. ★Extra size, \$1 □

A Beautiful, Hardy, Flowering Hedge

When planting a hedge, why not plant perfectly hardy Rugosa Roses? They grow strong and are fine for this purpose. Conrad F. Meyer and Sir Thomas Lipton are two of the best. Plant 18 inches apart so as to make your hedge dense.

For Minnesota, Wisconsin and All Cold Climates

Rugosa Roses and their hybrids seem just suited for our North American climates, as they are so tough and hardy. They make dense, sturdy, compact bushes, 4 to 9 feet high, according to variety, and are very ornamental. Their dark, rich, leathery foliage is oddly wrinkled, shiny and remarkably free from insect pests. Some bloom all summer, others only in June, but the blooms are followed in the autumn with a profusion of beautiful orange red or crimson seed hips or fruits. The plants are hardy as oaks, and do well in the most trying places—seashore, mountains, or anywhere. On account of the shapeliness of their growth, these Roses are especially valuable for use as lawn specimens. Being well branched and very symmetrical, they make splendid hedges, having in their favor hardiness and freedom from insects and disease. The thorny nature of the plants helps to make a hedge almost impenetrable.

***ALICE ALDRICH.** We consider this a remarkably fine bush Rose for garden planting. It has lovely buds and its large, double flowers of clear, bright pink are borne at intervals during the whole growing season; very sweet and beautiful.

★CONRAD F. MEYER. (The Great Tea Rugosa.) Splendid, large, elegantly formed buds and flowers, 3½ to 4 inches across and perfectly double. Color is clear silvery rose; very attractive; intensely fragrant; hardy and a very vigorous grower. Makes a grand hedge with masses of Roses in June and occasional blooms throughout the growing season.



PRICES	YOU GET BOUNTIFUL REWARDS FROM HARDY RUGOSA ROSES	Each	10 for	25 for
For any of the above (unless	1-yr. Size, Strong Plants, Postpaid	\$0 35	\$3 15	\$7 00
	★ 2-YR., FIELD-GROWN, STAR-SIZE		9 00□	20 00□

Knowing Your Roses Helps You to Enjoy Them. For This Reason C. & J. Durable Labels Are Valuable



OUT-OF-THE-ORDINARY ROSES

S SOSE BUTS

Beautiful Hardy Moss Roses

The beautiful buds, delicious fragrance, and perfect hardiness of the Moss Roses make them favorites everywhere, and deservedly so. They need rich, loamy soil and an annual dressing of well-rotted manure for best results.

★CRESTED MOSS. Color is pale rose; flowers full and most exquisitely mossed. ★2-yr. Star size field plants only, \$1 □

★CRIMSON GLOBE. Deep crimson color. Large, full flowers, perfectly globular in form. ★2-yr. Star size field plants only, \$1 □



A real Climbing Moss Rose. Flower is semi-double; color pink, with reverse of petals darker pink. Very hardy. 1-yr., 35 cts., postpaid; ★2-yr. field-grown, Star size, \$1 □



Flowers are semi-double, bright, clear golden yellow. A bush of Harison's Yellow, when fully grown, is a magnificent and heartsome sight in early spring, its blooms coming in such abundance as almost to cover the bush. Own root plants. \$\dpm 2\cdot 2\psi_1\text{c} field-grown, Star size only, \$1 \square\$

★HUGONIS. The earliest Rose. See inside front cover.

Three Austrian Briar Hybrids

★MME. EDOUARD HERRIOT (The Daily Mail Rose). Coral-red bud shaded with yellow on the base; flower of medium size, semi-double, *superb coloring*, coral-red shaded with yellow and bright rosy scarlet passing to prawn-red. ★2-yr. field-grown, Star size only, \$1 □

★RAYON D'OR. A most effective Rose with peculiarly attractive coloring, being a strong cadmium-yellow, turning to sunflower-yellow. Foliage is remarkably large, bronzy, and fine. ★2-yr. field-grown, Star size only, \$1 □

★SOLEIL D'OR. A vigorous grower, color golden yellow, shaded with orange and crimson, the orange often predominating. Flowers are large, very full; ★2-yr. field-grown, Star size only, \$1 □

★TIP-TOP (**Baby Doll**). (T.P.) A fascinating tri-color Rose. (See page 16.)

★VICK'S CAPRICE. A fine striped Rose of remarkable beauty. Color deep, clear pink with wide stripes of pure white. I-yr., 35 cts., postpaid; ★2-yr. Star size, field-grown, \$1 □





The Lovely Early Harison's Yellow

York and

Lancaster

★ True English Sweetbriar (Rosa rubiginosa)

This is the true Eglantine, and highly valued for the delightful fragrance of its young foliage as well as its pretty pink flowers. Entirely hardy and splendid for hedges. \$2-yr. field-grown, Star size only, \$1, 10 for \$7.50 \(\square\$7.50 \(\square\$

Charming Single Roses

★IRISH FIREFLAME. In the spiral bud state it is deep maddery orange, splashed with crimson, which later becomes fiery orange-crimson. Gold Medal, N. R. S. 1-yr., 35 cts., postpaid; ★2-yr. field-grown, Star size, \$1 □

OLD GOLD. Vivid reddish orange, with coppery apricot shadings. I-yr. size only, 35 cts., postpaid.



The Green Rose

Two Uniques

THE GREEN ROSE
(Viridiflora). (See cut.) The curious petals are the same color as the leaves, deep peagreen. Blooms very freely. A freak. I-yr. size only, 35 cts., postpaid.

★THE BLUE ROSE (Veilchenblau). Same type as Crimson Rambler, but the flowers are rosy lilac when opening and change to metallicblue. The blooms come in masses that almost hide the foliage. I-yr., 35 cts., postpaid; ★2-yr. field-grown, Star size, 75 cts. □

★"YORK AND LANCASTER." (Damask.) A remarkably vigorous grower and perfectly hardy. It is of rich historic interest, dating back to the Wars of the Roses between the Royal Houses of York and Lancaster; said to have originated when these warring factions became united, its color representing the white of the Yorkists and the red of the Lancastrians. Our illustration gives but a faint idea of its striking appearance; buds and flowers are wonderfully marked, red and white, sometimes blotched and sometimes striped, full and double. We offer only strong, well-established, field-grown plants, grown on their own roots, of this beautiful, sweetscented, rare old Rose. Will last a lifetime. ★2-yr. field-grown, Star size only, \$1.25 □







HARDY HYBRID PERPETUAL ROSES

The Hybrid Perpetuals are considered most valuable Roses, because they bear large, sweet and brilliantly colored flowers, and are so hardy and vigorous they live over winter with slight protection, and continue to bloom regularly from year to year. Their grand flowers are of all shades of red, crimson, scarlet, pink, and white, but no yellows. They thrive and bloom finely in all sections of the country, and should generally be planted in the open ground, as but few varieties are suitable for house culture. Some kinds do not bloom till the second year, but when fully established bloom regularly at the usual time and occasionally during the summer and fall months. Though called "Perpetual," they are not constant bloomers, with the exception of a few, such as, Mme. Masson, Frau Karl Druschki, and Mrs. John Laing, but are the finest and most beautiful of all hardy Roses.

- ***AMERICAN BEAUTY.** Color a deep pink to crimson; flowers intensely fragrant. We do not recommend this Rose for garden planting, except in some sections of the country, where it thrives abundantly in the open ground. In the cut-flower realm it reigns supreme, but requires expert knowledge to grow it. There is a large demand for American Beauty, and we supply fine, strong plants in ★2yr., Star size only
- *ANNA DE DIESBACH (Glory of Paris). One of the old varieties, introduced in 1858. Color is a beautiful shade of carmine-pink; flowers are extra large, full and very sweet. A Rose that everyone should have.
 - **BALL OF SNOW.** Pure snow-white, sometimes faintly tinged with pale rose; flowers full and fragrant. I-yr. size only.
- ★BARON DE BONSTETTEN. Extra-large flowers, very solid. round and full; dark rich crimson, delightfully scented; free bloomer, and of hardy and vigorous habit.

See Offer No. 51 on inside back cover which includes Frau

Karl Druschki.

★CAPTAIN CHRISTY. A remarkably fine large Rose of delicate flesh-color, deeper in the center. Considered one of the best. $\bigstar 2$ -yr., Star size only.

- ★CLIO. Flesh-color, deepening in center to rosy pink; large, fine globular form; very free bloomer. An exceedingly strong grower, with fine large foliage, setting off a flower as beautiful as it is distinct.
- ★EUGENE FURST. Strong, vigorous grower. Flower a beautiful shade of velvety crimson, shading to maroon. Highly scented with the same delightful perfume as the Tea Roses.

★FRAU KARL DRUSCHKI or WHITE AMERICAN **BEAUTY.** The best White Rose in existence. Pure snowwhite, with long buds and immense, perfectly double flowers, 4 to 5 inches across, with wax-like petals and very durable. It is one of the most continuous-flowering Roses in this excellent class. Hardy everywhere that Roses grow. Good for cutting and for garden decoration. The Garden, England, says: "White American Beauty is universally admitted to be the finest White Rose in cultivation.



This Means Good Plants and Good Packing

February 13, 1919.
I am pleased to say that nearly all the 270 Roses ordered from you are growing, some already blooming.—
R. U., La Ceiba, S. Honduras.

- ★FRANCOIS LEVET. Unusually strong and vigorous and very free bloomer; large, round, stately flowers; bright rosy crimson; very fragrant and beautiful.
- **ENERAL JACQUEMINOT.** The premier hardy crimson Rose. Famous the world over. See this offered also on *GENERAL inside back cover.
- ★GEORGE ARENDS. The color is tender rose-pink, and the flowers are produced in great profusion. Called the Pink Frau Karl Druschki and worthy of the name.
 - ★GLOIRE DE CHEDANE GUINOIS-**SEAU.** New. Superior to Ulrich Brunner in size and brilliancy, the color being a bright vermilion-red with velvety shadings. A very fine flower. *\(\pm2yr.\), Star size only.
 - **★HUGH DICKSON.** Brilliant crimson, shaded scarlet; good size and fine form; petals smooth, slightly cupped and reflexed; free-flowering and vigorous in growth; very highly perfumed. Awarded Gold Medal, National Rose Society of England.
 - ★J. B. CLARK. Intense, deep scarlet, heavily shaded blackish crimson; foliage bronzy green in the young stage. (See cut, page 25.)

PRICES	NOTE QUANTITY PRICES	Each	10 for	25 for
For any of the above (unless otherwise	1-yr. Size, Pot-Grown Plants, Postpaid	\$0 35	\$3 15	\$7 00
noted)	★ 2-YR. FIELD-GROWN, STAR ROSES	1 00□	9 00□	20 00□

C. & J. Star Roses Are Marked with Durable Celluloid Labels. There's Satisfaction in Knowing Your Roses by Name



HARDY HYBRID PERPETUAL ROSES, continued

- ***JUBILEE.** The form of this flower is perfect and the blooms are large. Color is very attractive, being a bright, flashing red, shading to velvety crimson of a deep, rich shade. A delightfully fragrant Rose.
- ★MAGNA CHARTA. Extra-large, full flowers of unusual depth and substance; bright rosy pink; very profuse bloomer on long, stiff stems. It blooms early, the blooms are large, perfectly formed, and very sweet-scented
- ★MARSHALL P. WILDER. Extra-large, full flowers, semiglobular in form; color deep, rich, glowing red; very strong grower and free bloomer; very handsome.
- **★PAUL NEYRON.** Color clear pink. It is said to be the largest Rose in cultivation, often measuring 5 to 6 inches across. (See this in color on inside back cover.)
- **★MRS. JOHN LAING.** Soft pink, of beautiful form and of very large size; exceedingly fragrant and remarkably free-flowering. One of the most beautiful of all the Hybrid Perpetual Roses. Unlike others in this class, this Rose produces bloom during the summer and until frost. It cannot be too highly recommended. Fine in the North.
- **★PRINCE CAMILLE DE ROHAN.** Very dark, velvety crimson, almost black; considered to be the best very dark Rose ever produced. The flowers are of good size, very double, and delightfully sweet.
- **★ULRICH BRUNNER.** Color brilliant cherry-red. This variety is a seedling of Paul Neyron, from which it derives its immense size. (See this in color and offered on inside back cover page.)
- **★VICK'S CAPRICE.** Striped pink-and-white. (See page 23.)

FOR PRICES OF ABOVE ROSES, SEE FOOT OF OPPOSITE PAGE (24)

SPLENDID SETS FOR THE NORTH

We realize that great numbers of people who live in the northern states think that they cannot grow Roses on account of the severe winters; but Roses can be grown in any climate, provided the right kinds are planted, and we have listed below sturdy, vigorous kinds suitable for the North, most of them deliciously fragrant and all of them hardy and free bloomers when they become established.

This is one

of the best Red Hybrid

Perpetuals.

Seven Selected Hybrid Perpetual Roses

- ★Frau Karl Druschki. The finest white Rose. (See page 24.)
- ★Paul Neyron. Immense flowers; clear pink. (See inside back cover.) **★J. B. Clark.** Intense deep scarlet, shaded crimson. (See cut below.)
- **★Ulrich Brunner.** Cherry-red. (See inside back cover.)
- ★Anna de Diesbach. Carmine-pink; profuse bloomer.
- ★George Arends. Tender rose-pink. Known as the pink Frau Karl
- **★Clio.** Flesh-color, shaded in center with rosy pink.

OFFER 25. The above 7

magnificent Hybrid Perpetual

Roses, 1-yr., \$2.25, postpaid; *\pm 2-yr., Star size,

field-grown plants,

\$6.30

Ten Minnesota Set

- ★Souv. de Pierre Leperdrieux. Vinous red. Everblooming and delightfully fragrant. A most satisfactory Rose. ***Conrad F. Meyer.** The new Tea Rugosa. Flowers large and full,
- clear silvery rose-color; fragrant. (See cut, page 22.) ***Frau Karl Druschki.** Pure snow-white; makes *immense* double flowers; not fragrant. (See cut, page 24.) ***General Jacqueminot.** The premier hardy crimson Rose.
- ★Nova Zembla. White, shaded blush-pink. ★Vick's Caprice. White and pink striped. (See cut, page 23.)
- *\times capites \times with and pink striped. (See cut, page 23.)

 *\times riped. (See cut, page 23.)

OFFER 25a Above 10 perfectly hardy Roses.....1-yr. size, \$3, postpaid Above 10 perfectly hardy Roses. ★ 2-yr. Star size, field-grown, \$9 □

12 Finest Hybrid Perpetual Roses

- ★Frau Karl Druschki. The finest white in existence. ★Anna de Diesbach. Carmine-pink; profuse
 - bloomer. ★Magna Charta. Bright rosy pink. A good Rose.
 - ★General Jacqueminot. The favorite crimson. ***Paul Neyron.** The largest Rose; clear pink.
 - ★Prince Camille de Rohan. Velvety crimson,
 - almost black. **★Ulrich Brunner.** Brilliant cherry-red; fine.
 - **★Vick's Caprice.** Very double; striped pink and white.
 - **★Clio.** Flesh-color, with center rosy pink.
 - ★George Arends. Tender rose-pink. Very large flower.
 - ★Hugh Dickson. Crimson, shaded scarlet.
 ★Mrs. John Laing. Soft pink. Free-flowering. OFFER 25b. Above 12 choicest hardy

Roses, 1-yr. size, \$3.75, postpaid; ★2-yr. Star size, field-grown plants, \$10.75 □

Winter Protection

The Roses in the above sets are so hardy that protection is not necessary, even in the coldest climates. However, if convenient to do so, we suggest that you hill the earth around the stems of the plants, before frost, to a height of 10 or 12 inches and cover this with leaves or strawy manure. Any protection given the plants will benefit them and enable them to give better results next season.



WEST GROVE, PENNA.



SPECTACULAR BEDDING PLANTS

55 C. & J. GRAND NEW LILY-CANNAS 55 Continuous Tropical Bloom from June until Frost

Cannas produce more color in greater variety for a longer period over a wider area for the outlay than any other plant. But do not confuse these Cannas with the common kinds—their monkey ancestors—which we consider not worth planting. These rank with orchids in delicacy of coloring and with Mallow Marvels in size. For quality, Conard & Jones' Swastika Cannas are absolutely unsurpassed.

TWO RECENT NOVELTIES

Extract from the Florist's Review, September 28, 1919



5 The President

Height 4 feet. In color, a rich, glowing scarlet, and the immense, firm, rounded flowers, 7 inches across when open, are produced on strong, erect stalks well above the large, rich green foliage. "The President" is superior to any other red variety in the quantity and also quality of bloom, and the firm flowers resist drought and heat to a remarkable degree. A large bed of this variety was planted last year on the grounds of the Washington Monument, Washington, D. C. Another "President" Canna bed was on the Garden Pier at Atlantic City, while several more were to be seen in the largest public parks in this country where these beautiful flowers received the unqualified admiration of every Canna-lover. Naturally, a tremendous demand has been created. Get your order placed now for delivery at planting-time. Price, 50 cts. each, 5 for \$2.25, 25 for \$10, delivered.

₭ Snow Queen

Height 4 feet. A striking contrast to "The President," and in circular beds Snow Queen makes a splendid border for the outside row with The President in the center. This is a vigorous-growing, white Canna, large in flower and free in bloom. You cannot obtain it elsewhere or find its equal. The flowers of inches across, with rounded petals 2 ½ inches broad, of firm

are 6 inches across, with rounded petals 2½ inches broad, of firm texture, and having the faintest dots of flesh-pink on the petals, but the effect is snow-white.

Mr. E. C. Vick, Garden Editor, in *New York Sun* of October 26, 1919, says: "'Snow Queen' is by all odds the best white Canna I have ever seen." Price, \$1 each, 5 for \$4.50, 25 for \$20, delivered.

C. & J. CANNA NOVELTIES FOR 1920

STATUE OF LIBERTY. Height 6 to 7 feet. This Canna outstrips exaggeration. We believe it is, without exception, the largest Canna in existence. Like the Statue of Liberty, it overtops anything of a similar nature that can be compared with it. Its foliage is bronze, leaves half as large again as its nearest rival, and of a rich, luxuriant, ebony shade. It holds aloft a fiery flaming flower, orchid-type, blazing flame-red in color. The flowers are of large size and good form. The effect is massive and impressive. Price, \$5 per plant. Ready April 15.

5 CANDELABRA. Height 5 feet. Rarely have Cannas produced more than two heads of bloom, or three at the most, to a single stalk. After twenty-two years of painstaking cross-hybridizing, Mr. Wintzer has succeeded in producing this prodigy. Three to five flower branches on each stalk at one time is the average made on the stock produced in our nurseries this year, and every single branch is ablaze with a torch-like flame of fiery orange-scarlet bloom. The branches are erect and sturdy; the foliage is rich, green, and very vigorous. A spectacular production, a new "break," and we believe calculated to create a sensation wherever planted. Price, \$5 per plant. Ready April 15.
5 AMERICAN BEAUTY. Height 5 feet. This is the richest colored

AMERICAN BEAUTY. Height 5 feet. This is the richest colored Canna we know—a velvety oriental carmine or translucent cerise. It is unusually attractive, with its large flowers of tropical magnificence held on firm, straight s.ems in rich bouquets well above the soft green foliage. Practically every stalk produces two heads of bloom, and some have four. Price, \$5 per plant. Ready April 15.

卐 Lily-Cannas 卐

The

President"

Grandest red Canna in existence

CHOICEST VARIETIES 5 LILY-CANNAS

C. & J. GEM COLLECTION

EVERY ONE A SUPERB VARIETY

SCITY OF PORTLAND. 3½ ft. Glowing pink, deeper in color than its parent, Mrs. Alfred F. Conard; profuse bloomer. A great favorite for bedding. 25 cts. each, postpaid.

FIERY CROSS. 5 ft. Large, fine flowers; color vivid crimson, shading to scarlet. A splendid bloomer. 50 cts. each, postpaid.

FLAG OF TRUCE. 4 ft. A large, cream-white Canna with faint pink dots on each petal and a canary-colored tongue. When a short distance from the flowers they appear pure white. 25 cts. each, ppd.

FGOLDEN GATE. 4 ft. The flowers open pure gold but soon become rayed with orange-crimson and apricot, centering to the throat. Unusually attractive. 20 cts. each, postpaid.

EMORNING GLOW. 4 ft. A color contrast of more than usual picturesqueness; foliage an olive-green, striped and veined with bronze. Flowers exquisite, soft shell-pink with orange-red center. 25 cts. each, postpaid.

HMRS. ALFRED F. CONARD. 4 ft. The grandest salmon-pink Canna in existence. Magnificent heads of perfectly formed, firm, lasting flowers of almost indescribable beauty. 25c. each, postpaid. (See cut.)

HNOKOMIS. (New, 1918). 5 ft. Large, vivid crimson flowers with a rich, silky sheen on the petals; bronze foliage. 50 cts. each, postpaid.

FPOCAHONTAS (Bronze Olympic). 4½ ft. Large, orient-red flowers, borne on firm, upright stems, just enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings, the ribs a darker bronze. 25 cts. each, postpaid.

SAN DIEGO. 4 ft. Beautiful Chinese orange or Persian yellow in color. A very distinct variety. 25 cts. each, postpaid.

HWINTZER'S COLOSSAL. 5 ft. The effect produced by the vivid scarlet flowers is very striking. It is the largest-flowered Canna yet introduced, also the earliest, most persistent, and most prolific bloomer. (See cut, page 28.) 35 cts. each, postpaid.

●0FFER→ 27 A set of 10 most beautiful Cannas, specially selected, for \$2.75, postpaid.

WEST GROVE, PENNA.



Mrs. A. F. Conard. Introduced 1910. Still a Leader

FOR BEST EFFECT PLANT CANNA-BEDS ALL ONE COLOR

Figure the quantity you can use by allowing 18 square inches for each plant. For CIRCULAR BEDS 4 ft. in diameter plant 7 Cannas; 7 ft. diam. bed, 19 Cannas; 10 ft. diam. bed, 37 Cannas; 16 ft. diam. bed, 91 Cannas

Use these prices ONLY when you take all one variety	5 of a kind	10 of a kind	25 of a kind	100 of a kind	Our New Dusty Miller (Artemisia) makes a beautiful edging for a Canna-bed, \$12 per 100	5 of a kind	10 of a kind	25 of a kind	100 of a kind
Any 15-cent variety					Any 35-cent variety				
Any 20-cent variety					Any 40-cent variety				
Any 25-cent variety	I 15	2 25	5 00	20 00	Any 50-cent variety	2 25	4 50	IO 00	40 00

Delivery prepaid at these prices for dormant roots. Potted plants, 5 cts. each extra (ready May 10)

STANDARD KINDS—RED SHADES

NAME	Height	DESCRIPTION	Price	NAME	Height	DESCRIPTION	Price
5 Beacon†	Ft.	Moderate-sized flowers of rich car-		Firebird •	Ft.	Immense trusses of glistening scarlet.	
		dinal-red, borne in impressive heads that make a mass of color almost unparalleled.		5 George Washington		The individual flowers are fine Deep velvety crimson	15
⊈ Chautauqua •	4	Scarlet flowers; bronze foliage	15	5 Lafayette†		Intense brilliant scarlet	1
Comte de Sachs	5	Clear crimson-scarlet flowers Intense, deep, fiery scarlet. Foliage	15	Morning Star Nokomis ●		Brilliant scarlet, edged yellow See description above	
		plum-color at the base shading to olive-green at the tip. Flowers are extra large and firm		\$\f\$ Philadelphia\frac{1}{2}	3	An excellent dwarf crimson Canna that should be used in small beds or for bordering beds of taller Cannas.	
5 Dragon	3	Dark ox-blood-red; rich color	20	Pillar of Fire	7	Bright crimson-scarlet	15
5 Druid Hill (New)	4	Well-poised heads of rich crimson bloom on Black Beauty foliage of		⊈ Splendor •	., -	Very large flowers; color scarlet. One of our finest varieties	20
⅓ Duke of Marlborough Fiery Cross •	4 5	more than usual grace	25 15 50	15 The President ●† 15 Triumph 15 Wm. Saunders†•	3	See description, page 26 Deep rich crimson. Individual flowers often 5 in. across; bright scarlet: foliage bronze	20

NOTE.—Prices named are for dormant roots. Potted plants will be ready May 10, price, 5 cts. each additional, all postpaid. Hindicates varieties originated and introduced by The Conard & Jones Company. † Best for bedding. • Largest individual flowers.



CHOICEST VARIETIES # LILY-CANNAS

25

20

15

25

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WHILE A	יייי	TELLOW SHADES		
NAME	Height	DESCRIPTION	Price	
⅓ Blanche Wintzer	Ft. 3½	More dwarf than Snow Queen or Flag of Truce, but the flowers are pure snowy white and very beautiful		
片 Buttercup	3	Bright buttercup-yellow	I.	
₭ California†	4	Pure rich orange-gold, a color that harmonizes with all others. Par- ticularly fine when massed	15	
Mont Blanc, Imp.†	31/2	Light cream, almost white	30	
Flag of Truce ♦,	4	Cream-white, faintly dotted pink	25	
⊈ Gladiator†	5	A leader for years. Color is bright yellow, spotted with red. No other bedding Canna in this color can surpass this sturdy, robust grower.		
# Golden Gate†	4	The flowers open pure gold but soon become richly rayed with orange-crimson and apricot		
ൃ Jane Addams •	41/2	True, bright buttercup-yellow. The buds are pretty, dark maroon	20	
ൃ Juanita ●	4½	Bronzy orange - color with golden bronze foliage. An exceptionally attractive flower with a distinct and unusual color.		

An intense yellow with red throat. Resists bleaching better than other

Color, deep rich orange. Dwarf ...

See description, page 27.....

See description, page 26.....

vellow Cannas...

Canary-yellow.....

- I IIII		AND DAKK SHADES	
NAME	Height	DESCRIPTION	Price
⅓ Betsy Ross†	Ft.	Rose-pink; valuable on account of its dwarf habit. Good for bordering beds of taller pink Cannas	\$0 15
5 City of Portland†	31/2	See description, page 27	2
Eastern Beauty	4	Light salmon; bronze foliage	1
⊈ Hiawatha	3	Delicate rosy pink with border of clear cerise; bronze foliage	I,
Hungaria†	31/2	Rose-pink; a very free bloomer, pos- sessing a delicate shade of color not known in any other Canna	15
⅓ Maid of Orleans		Cream, mottled with soft pink	20
⅓ Mrs. Alfred F. Con-			
ard ● † (See cut page 27.)	4	The grandest salmon-pink Canna ever introduced. Magnificent heads of perfectly formed, firm, lasting flow-	
Mrs. Woodrow Wil-		ers of almost indescribable beauty.	2.
son •	4	Similar to the Rosea gigantea in color,	
Focahontas (Bronze		but a deeper pink	2.
Olympic) • †	41/2	See description, page 27	2
ൃ Rosea gigantea • †	3½	Giant flowers of soft rose to carmine- pink. Used extensively for years on the public grounds at Washington. Still a favorite	
௺ Venus†	4	The color is gay, rosy pink with a well-defined border of creamy yel-	
圻 Wabash†	4	low. An incessant bloomer The bronze - leaved Rosea gigantea. Flowers are carmine-pink and very	I
		large. An unusual Canna	2,
5 Wawa	3	A new shade of soft pink	2
Zenith	5	Orange-pink or salmon	I.



41/2

F Princeton.....

\$ Queen of Holland....

J San Diego ●

Snow Queen

Richard Wallace.....

₩intzer's Colossal.† • 5 ft. Immense, vivid scarlet flowers. An persistent bloomer. The largest-flowering Canna in exis-tence. 35 cts.



VARIEGATED **CANNAS**

Burbank. 41/2 ft. Flower large; color canary-yellow

This is Wintzer's Colossal

with throat spotted crimson. 15 cts.

Indiana. 6 ft. Glistening golden orange, like silky flags. Most attractive. 15 cts.

King Humbert. 4 ft. Bright orange-scarlet, streaked with crimson. Magnificent bronze foliage. 15 cts.

5New York. 5 ft. Scarlet. Foliage rich plum-color. 25c.

Queen Helene.† 5 ft. Yellow King Humbert.

Foliage green. Flowers vellow sometimes blotched Foliage green. Flowers yellow, sometimes blotched

red. 25 cts. Uncle Sam. • 7 ft. Brilliant orange-scarlet flowers. 15 cts. Wyoming. ● 7 ft. Flowers orange. Foliage purple. 15c.

##Chameleon. 5 ft. Orange, striped red and pink. 25c. **##Gaiety. 5 ft.** Reddish orange mottled with carmine and edged with yellow. A spectacular bedder. 25 cts.

**Gladioflora. 3½ ft. Crimson, changing to carminerose and edged with gold. 15 cts.

FPanama. 3 ft. Unique dappled orange-red, with golden yellow edge. 20 cts.

Souv. d' A. Crozy. 3 ft. Red, bordered with golden



斯 Lily-Cannas 卐

USEFUL ORNAMENTAL HEDGES

AND HARDY BORDERING PLANTS



This is the new Box Barberry used for edging. Does not winter-kill

CALIFORNIA PRIVET (Ligustrum ovalifolium)

Most Popular Hedge-Plant

Thrives in all kinds of soils and situations, in sun or shade, around railroads or smoky factories, and for seashore planting it is one of the best hedge-plants known. Plant 6 to 9 inches apart. Our plants are thrifty and well rooted.

BOX EDGING (Buxus sempervirens suffruticosa)

Hardy here, evergreen, and slow in growth. For edging walks and flower-beds. Always dwarf. *Home-grown stock*.

PRICES, delivery prepaid: 10 100 1,000



Japan Barberry grows only 4 feet high and makes a hedge that is chickenproof and dog-proof. A beautiful, living, garden fence

THE NEW BOX-BARBERRY

An exquisite, new, perfectly hardy edging for formal beds. Makes shapely, upright plants, 30 inches high, when fully matured, but can be kept 6 inches high by trimming. Our stock is grown from cuttings made from the original plant.

This new dwarf Barberry comes to fill a long-felt need for an edging plant that is dwarf in growth, free from all diseases and insect pests, and absolutely hardy everywhere in the United States. The foliage is small and dainty. The young leaves are a beautiful emerald-green in the spring, changing to a pleasing, soft green during the summer and bright red in the fall. In many parts of this country, garden-beds had to be bordered annually or not at all, as there was no perfectly hardy edging plant to use, but now no garden need be incomplete on this account.

Border your rose-beds, also your perennials and annuals, with this neat, upright, hardy, little shrub. Our illustration shows how neat a garden can be. Plant 4 inches apart for a low border and keep the plants pruned to whatever height you want. They can be trimmed at any time without injury. The one-year size is best for using in garden borders. Price, I-yr. size, \$3 for Io, postpaid; \$20 per Ioo \(\sigma \). 2-yr. size, 75 cts. each, postpaid or \$4 for Io; \$30 per Ioo \(\sigma \)



California Privet. Can be trimmed and shaped at any time without injury

JAPAN BARBERRY

(Berberis Thunbergii) Hardy Everywhere Neatly Kept Hedges Give That Finished Effect to Your Home New Berberis Wilsonæ See page 34

Read description below given by U. S. Department of Agriculture. Buyers for important park systems come to us for Barberry, because our stock is grown, not from seeds, but from cuttings, and produces a uniform, shapely hedge. 25 at 100 rates, 250 at 1,000 rates.

Prices by express collect:	1	0	10	0	1,00	0
1-year size, 9 to 12-inch plants	.\$2	00	\$15	00	\$120	00
2-year size, 18 to 24-inch plants			20	00	175	00
3-year size, 18 to 24-inch plantsf very bushy	. 3	00	25	00	200	00
3-year size, 2-foot plants, extra heavy	. 4	00	35	00	300	00

BANISH COMMON BARBERRY

The U. S. Government has requested that every possible plant of the Common Barberry be destroyed because it harbors a pest that is injurious to the wheat crop.

This does not apply to the Japan Barberry, which the Government urges you to plant.

"JAPAN BARBERRY HARMLESS"

An extract from a letter distributed by U. S. Department of Agriculture

"The Japan Barberry (Berberis Thunbergii) does not rust; it is harmless and need not be destroyed. It is more beautiful, both in summer and winter, than the common Barberry and can be distinguished from it quite easily. The edges of the leaves of the common Barberry are toothed, while those of the Japan Barberry are not; the spines of the common variety are usually in groups of three, while those of the Japan are usually single. Both have red berries, but those of the common form are borne in racemes like currants, while those of the Japan form are borne singly like gooseberries." Plant a Hedge.

WEST GROVE, PENNA.



HARDY PERENNIAL PLANTS

Adam's Needle (Yucca)

Or Old-Fashioned Garden Flowers

Valuable for adding brightness and color to the border beds, and a comparatively small collection will enable you to have some flowers in bloom all summer. Useful as cut-flowers.

The first figure after a variety indicates height of growth. The next figures indicate the months the flowers bloom in this locality. Some variations must be allowed according to

DIRECTIONS. We send you most of these in strong roots. Allow from 1½ to 4 square feet of space for each. After the first severe frost in the fall, cut down the tops to about 3 inches high, and give the bed a good coat of half-rotted manure, which will protect the plants and enrich the ground; dig this under in the spring before new growth starts.

Price: Unless otherwise noted, 25 cts. each, 10 for \$2.25, postpaid (remember that our postpaid prices include delivery charges for which many other firms charge extra), or \$20 per 100 ... 25 or more at hundred rate.

The Pearl. 2 ft. 6-10 mo. Bears an abundance of pure white, per-Achillea Ptarmica, feetly double flowers, which are borne in graceful sprays. 25c. each.

Adam's Needle, or Spanish Bayonet (Yucca filamentosa). 3-5 ft. 6-7 mo. A low-growing, tropical-looking plant; bears enormous clusters of creamy flowers. (See cut.) 25 cts. each, postpaid.

Anchusa italica, Dropmore Variety. 3-5 ft. 5-6 mo. Splendid long spikes covered from base to tip with rich gentian-blue flowers, excellent for cutting. A very ornamental plant. 25 cts. each.

Queen Charlotte. 2-3 ft. 8-frost. Bears large, semi-double, Anemone japonica, flesh-pink flowers. 25 cts. each.

AQUILEGIA (Columbine). 25 cts. each.

Canadensis. 1-2 ft. 4-6 mo. Red and yellow. OFFER 30 Chrysantha. 3-4 ft. 5-8 mo. Yellow.

Cœrulea. 9-15 in. 4-7 mo. Blue and white.

Nivea grandiflora. 12-18 in. 4-5 mo. White.

Hardy Aster (Michælmas Daisy, or Starwort). 9-10 mo. Makes great panicles of starry blossoms. 25c. ea.

Climax. 5-6 ft. Lavender. Feltham Blue. 2-3 ft. White Queen. 4-5 ft. OFFER 30a. The 4 Hardy Asters for 90 cts., postpaid

Campanula persicifolia (Bellflower, or Blue Bells). 1-2 ft. 6-7 mo. Most important hardy plants for the perennial border or garden as they are of very easy culture and grow in either sunny or shady locations. Campanulas are very showy, the plants producing several stalks that are simply covered with handsome flowers. *Persicifolia* has large, deep blue, salver-shaped flowers. 25 cts. each.

C. Medium (Canterbury Bells). 3 ft. 8 mo. In blue, rose, and white. Mixed colors. 25 cts. each. (See cut.)

Daisy, Tree. Strong plants which grow 3-4 ft. high, covered with masses of golden brown, daisy-like flowers. Very handsome. 25 cts. each.

Coreopsis lanceolata grandiflora.

2-3 ft. 6-9 mo. Emblem Flower of the International Sunshine Society. Flowers rich golden yellow. They remind one of a yellow cosmos. 25 cts. each.

Cornflower Aster (Stokesia cyanea). 7-10 mo. Fine, large, lavender-blue flowers, 4 to 5 inches across; magnificent. 25 cts. each.

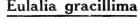
Delphinium Belladonna, the Everblooming Hardy

Larkspur. (See cut, page 31.) 2-3 ft. New. Flowers are clear turquoise-blue. This variety is seldom out of bloom from the end of June until cut down by frost. 25 cts. each.

Formosum. 3-4 ft. 6-8 mo. Beautiful, dark blue flowers with white center. Vigorous in growth and free flowering. 25 cts. each.

Daisy, Burbank's Shasta, Alaska. 7-10 mo. Splendid, large, showy flowers of glistening white with golden disks; beautiful in bouquets. 25 cts. each. (See cut below.)





HARDY ORNAMENTAL GRASS You can find few plants more ef-

fective on a lawn than this hardy ornamental grass. It has slender, narrow, green leaves, 4 to 5 feet long, which bend and sway gracefully with every passing breeze. An added beauty in the fall is the pinkish colored, plume-like seed-heads which grace the center of each clump. 25c. each, postpaid; clumps, 35c.□



Canterbury Bells (Campanula)

CHRYSANTHEMUMS, HOLLYHOCKS, HARDY FERNS, ETC.

Hardy Pompon Chrysanthemums

These are the most brilliant and showy autumn flowers we have. They bloom so abundantly that, from a few plants, armfuls of flowers can be gathered for indoors. Their fresh, spicy fragrance has a charm no other flower possesses, and the blooms come at a time when nearly all other flowers have gone. See that they get well fertilized during the summer, and the result will delight you for weeks before winter closes in.

You will get bushels of bloom the first season from this set of 10

Baby. Beautiful little button flowers of buttercup-yellow. 25 cts.

Brown Bessie. Lovely, little, dark brown flowers. Very double. 25 cts.

Doris. Beautiful dark red, tipped with gold. 25 cts. Du Pont de L'Eure. Rich amber-yellow. 25 cts.

Frank Wilcox. A magnificent Chrysanthemum. Color reddish orange. 25c. Lillia. A solid dark red, very rich and an amazingly free bloomer. 25 cts.

Little Bob. Small bronze flowers in dense clusters. 25 cts.

Myer's Perfection. Splendid snowy white. 25 cts. Rhoda. A most attractive apple-blossom-pink. 25 cts.

Zenobia. Sunshiny buttercup-yellow; very bright. 25 cts.

20FFER> 31 The entire set of 10 Hardy Pompon Chrysanthemums, comprising the choicest kinds grown, for \$2, postpaid.

Funkia grandiflora (Plantain Lily or Large White Day Lily)

 $2\frac{1}{2}$ to 3 ft. 8-9 mo.

This plant succeeds equally well in sun or shade and its broad, massive foliage makes it attractive even when not in bloom. The pure white, lilyshaped, fragrant flowers come in August and September and are very showy. 25 cts. each, postpaid.

Gaillardia grandiflora (Blanket Flower). 2 ft. 6-10 mo. Red center with scarlet and yellow edge. 25 cts. each.

Hollyhocks, Double. 6-7 ft. 6-9 mo. The long spikes of short-stemmed, rose-like flowers are well suited to grow against the wall or fence. Four best

colors—Yellow, Crimson, White, and Pink. (See cut.) 25 cts. each. One each of the 4 colors, 85 cts., postpaid.



Gypsophila paniculata fl.-pl. (Baby's Breath). 2-3 ft. 6-7 mo. White flowers, like little rosettes, lacy stems. Makes exquisite bouquets. 30 cts. each.

Helianthus, Soleil d'Or. 4 ft. 7-8 mo. The hardy Sunflower. Bright golden yellow. Makes masses of bloom. 25 cts. each.

Hemerocallis (Yellow Day Lily). 3-4 ft. 7-8 mo. Lily-like flowers, golden yellow, with carmine marking. 25 cts. each.

Hibiscus, or Marsh Mallow. Flowers 6 to 7 inches across. (See cut.) 2 kinds.

Giant-flowering. 3-5 ft. 6-8 mo. Mixed colors.

Crimson-Eye. 4-6 ft. 7-8 mo. White, center crimson. 25c., ppd.; 2-yr., 35c.; 3-yr., 5oc. [



Single. 6-7 ft. 6-9 mo. Mixed colors, 20 cts. each, 3 for 50 cts., \$1.75 per doz., postpaid.

Hardy Ferns for Shady Places

These Hardy Ferns are most satisfactory for planting on shady banks and around porches, where the sun does not reach. They do well in any good, well-drained soil and require practically no care.

HARDY LADY FERN (Asplenium fæmina). 10-12 in.

EVERGREEN CHRISTMAS FERN (Aspidium acrostichoides). 12 in.

30 cts. each, 4 for \$1.10, postpaid; 12 for \$3; 100 for \$20







Delphinium (Everblooming Larkspur)



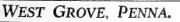
Hibiscus, or Marsh Mallows



Hardy Ferns for Shady Places



Double Hollyhocks





Hardy Perennials

CHOICEST IRIS, LOBELIA, LYCHNIS AND PEONIES

LARGE-FLOWERING Japan Iris (Iris Kaempferi grandiflora)

The grandest of all hardy Iris. The flowers are enormous, averaging from 8 to 10 inches across, and of most gorgeous and exquisite colors, each flower usually showing several shades. They bloom during June and July, 12 to 18 inches high.

DOUBLE VARIETIES (6 Petals)

No. 69 Pure white, veined purple. No. 109 Light violet-blue, veined white.

No. 156 Rich indigo-blue. 4 Pure snowy white. No. 2 Pure white, traced violet.

No. 25 Mottled purple and white. No. 70 Grey-white, purple veined. No. 100 Light ground, suffused purple.

SINGLE VARIETIES (3 large Petals)

Price of any of the above, 30 cts. each, postpaid

 \mathbb{E}_{0FFER} > 32 Any 6 above for \$1.60, or the set of 8 for \$2.10, postpaid

JAPAN IRIS, MIXED VARIETIES

Named varieties, but not labeled. 25 cts. each, 3 for 65 cts., \$2.50 per doz., postpaid.

Fleur de Lis, or Liberty Iris The National Emblem of France

These Irises are easily grown and for best results should be planted in a well-drained, sunny position, the roots barely covered. The flowers are large and handsome, and exhibit every variety of color in beautiful variegations and shades. They flower in May and June. (Formerly known as German Iris.)

NEW LIBERTY IRIS, Sherwin Wright. A perfect golden yellow color, without markings or shadings. Vigorous-growing and free-blooming. Price 50 cts., postpaid.

Mrs. Neubronner. Very deep golden wellow. 25 cts. each.

Mme. Chereau. White, edged light blue. 25 cts. each.

Florentina Alba. Fine, free flowering | Mrs. Darwin. White, violet, and gold. white. 25 cts. each.

Liberty Iris, Mixed. Our selection from named kinds, not labeled. 20 cts. each, \$2 per doz., postpaid.

lris pumila hybrida

Cyanea. A very showy, rich royal purple with blackish shadings; early flowering; dwarf. 30 cts. each, postpaid.

25 cts. each.

Iris pallida dalmatica A magnificent Iris. Color soft lavender. Grows 3 to 4 feet high. Free blooming and sweet scented. 35 cts. each, postpaid.



Beautiful Iris or Fleur de Lis

Lobelia cardinalis (Cardinal Flower). Rich, fiery cardinal flowers; grow I to 2 ft. high. 20 cts. each, postpaid.

Lychnis chalcedonica. Also called Maltese Cross, or Scarlet Lightning. Heads of single vermilion-scarlet flowers; plants grow 2 to 3 ft. high. 20 cts. ea., ppd.



Peonies make grand cut-flowers

SEVEN GRANDEST PEONIES

COURONNE D'OR. White with a blotch of red in the center around which is a halo of yellow. 75 cts. each, postpaid.

DELICATISSIMA. Color is dainty lilac-rose. Large double blooms; fragrant. 75 cts. each, postpaid.

FESTIVA MAXIMA. Flowers snow-white, with a beautiful flake of carmine in center. 60 cts. each, postpaid.

GRANDIFLORA. Bright seashell-pink, overlaid with delicate lilac and salmon-pink. 75 cts. each, postpaid.

MODESTE GUERIN. Color a uniform solferino-red. Very free flowering and fragrant. 75 cts. each, postpaid.

MONS. JULES ELIE. Glossy pink. "The King of All Peonies." Very fragrant. \$1 each, postpaid.

RUBRA SUPERBA. Brilliant deep crimson without stamens. Very fragrant. 60 cts. each, postpaid.

OFFER> 32a The entire set of 7 Grandest Peonies for \$4.75, prepaid

Twelve Standard Peonies

Delachei. Dark red, with crimson reflex. Duchesse de Nemours. Large; white. Edulis superba. Beautiful clear pink. Jeanne d'Arc. Pink, rose center. La Tulipe. Delicate blush-white. Louis Van Houtte. Violaceous red.

Price, 50 cts. each. The set or any 12 for \$5, delivered

Mme. de Verneville. Sulphur-white. Meissonier. Brilliant crimson; large.
Officinalis rubra. Crimson. Very early.
Queen Victoria. Excellent early white.
Rose d'Amour. Delicate rose-color. Victoire Modeste. Rose, center white.

DOUBLE PEONIES, MIXED VARIETIES

Good kinds. 35 cts. each, 3 for 90 cts., 12 for \$3.50, postpaid

Well-rooted Choice Pansy Plants

For size of bloom, richness, and variety of coloring, we believe these plants are unsurpassed. Set out in the spring as soon as the ground can be worked. Use pansies for edging walks and flower-beds and for planting in solid beds. They make a nice ground-covering for a rose-bed. Price, strong plants, \$1 per doz., postpaid; 100 for \$7.50 [



HARDY PHLOX, ORIENTAL POPPY, PINKS, VIOLETS

The Choicest Hardy Phlox (6-10 mo.)

They will make a handsome display of brilliant flowers year after year

4 SUPERIOR VARIETIES-THE VERY BEST-35 cts. each

Europa. Very large white flowers with large crimson eve.

W. C. Egan. Delicate lilac with large, bright solferino eye.

Baron van Dedem. Brilliant cochineal-red with salmon shadings.

Thor. Very fine in every way. Salmonpink, with a scarlet glow.

*OFFER> 33 The above 4 superior varieties of Phlox, \$1.25, postpaid

5 STANDARD VARIETIES-ALL EXCELLENT-25 cts. each

large, lighter halo.

Frau Anton Buchner. Splendid white. Mme. Paul Dutrie. Delicate lilac-rose.

Eclaireur. Brilliant rosy magenta, with | Pantheon. Bright carmine-rose. A bright, effective color when massed.

Jewel. Mauve-rose with a brilliant carmine eye.

*OFFER > 33a The 5 standard Phlox for \$1.10, postpaid

EARLY-FLOWERING MISS LINGARD

Blooms from May till frost. Large white flowers with lilac eye. 30c. ea., postpaid.

Hardy Perennial Phlox looks best in massed effects, for which order 25 of a 35-ct. kind at \$6, or 25 of a 25-ct. kind at \$4.50 Z

Pachysandra terminalis. A trailing plant, 6 to 8 inches high. Flowers during May and June. Invaluable as a ground-cover in shady places. 25 cts. each, postpaid; \$16 per 100 [

Physostegia virginica. 3 to 4 ft. 7-9 mo. Bears spikes of delicate pink tubular flowers in midsummer. 20 cts. each, postpaid.

Platycodon (Balloon Flower, or Jap-anese Bellflower). Bears violet-blue, bell-shaped flowers the whole season. Very effective for borders or for the rock garden. 25 cts. each; extra-large roots, 50 cts.; 6 for \$2, postpaid.

Plumbago Larpentae (Leadwort). 4-6 in. 6-10 mo. On account of its low growth it is especially suitable for bordering beds, and the deep blue flowers blooming continually make it a constant delight. Plant 6 to 8 inches apart. Splendid for rockeries, also for planting in solid beds. 25 cts. each, 12 for \$2.50, postpaid; \$18 per 100 [



Pyrethrum hybridum. 1-2 ft. 6 mo. Daisy-like flowers in different colors, very lasting when cut. Mixed colors, 25 cts. each. Red-Hot Poker (Triloma Pfitzeri), Flaming Torch Plant. Throws up strong stems 2 to 3 feet high, bearing large clusters of brilliant orange-scarlet flowers in elegant pompons, 6 to 8 inches long and 2 to 3 inches across, until the ground is hard frozen. It is unsurpassed for cutting, and Sage, Mammoth. I ft. Highly valued for flavoring. One plant of this will yield more leaves than a dozen of the common Sage. 25 cts. each, 6 for \$1.25, postpaid. will keep for weeks in water. Price, strong roots, 25 cts. each, 6 for \$1.25, ppd.

Sedum spectabile, "Brilliant." 1½-2 ft. 9-10 mo. Showy, flat heads of bright amaranth-red flowers.

The thick, fleshy foliage is sea-green color. 25 cts., postpaid.

SHASTA DAISY. See foot of page 30.

Veronica spicata (Speedwell). 2-4 ft. 6-8 mo. Long spikes of bright blue flowers. 25 cts. each, postpaid.

Sweet Violets

Violets are great favorites and do well in the open ground. If given a sheltered place, they will usually begin to bloom before the snow is gone.

Price, 25 cts. each, 6 for \$1.25, postpaid

Governor Herrick. (Dorsett.) The single flowers are rich, dark purple and are

carried erect on long, strong stems. Very fragrant.

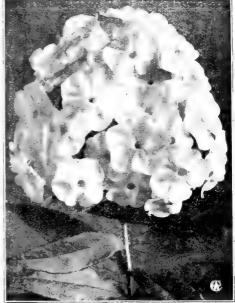
Lady Hume Campbell. The flowers are perfectly double, like little roses. lovely azure-blue and delightfully fragrant. Straight, strong stems.

Princess of Wales. Flowers are single, very large, and borne on stems 10 to 12 inches long. Grand for cutting. The color is true violet-blue.

Swanley Naite. The finest and best white Violet in cultivation; profuse bloomer, perfectly double and exquisitely fragrant.

*OFFER > 33b 1 each of the 4 Violets, all choice varieties, for 90c., ppd.

VIOLET CULTURE. A most instructive book by Prof. Galloway. Price \$1.50, ppd.



Hardy Phlox. Blooms 6 to 8 weeks



Violets are so sweet that the fragrance from a small bunch will perfume a large room. Try some





Hardy Perennials

HARDY ORNAMENTAL SHRUBS

Whether you have a lawn of many acres, or a humble dooryard, we commend this class of plants as indispensable to the real beauty of your home. If you select with care, you can have a succession of bloom from April to snow, to say nothing of the beautiful color, form and shadow effects of flowers, foliage and bright berries. For planting along border lines, filling in or rounding off angles or for screens to hide fences or other unsightly objects, you will find nothing more permanently pleasing than varieties listed on pages 34 to 36. Plant in the spring or fall, about 4 feet apart. See prices at foot of page.



Abelia grandiflora (Bush Arbutus)

This magnificent flowering shrub should be used in every planting of shrubs on account of its unusual beauty. The exquisite white flowers, faintly flushed with pink, almost cover the bush all summer. 35c. ea., ppd.; larger size 50c □. See cut.

Althea, or Rose of Sharon (Hibiscus syriacus)

These will bloom profusely during July and August. They grow 6 to 8 feet and are useful for tall hedges, etc. (5 kinds).

William R. Smith. (New). Pure white single flowers of giant size borne on shapely bushes. Blooms from early in July till late in September. 1-yr. size only, 50c. postpaid. Jeanne d'Arc. Large, double, pure white flowers like roses. They remind one of the beautiful white Azaleas.

Banner. Flowers richly striped with pink and crimson. These flowers look like beautiful Pelargoniums.

Bicolor. Large, double, white flowers with red center. Double Pink. Large, well-opened, dark pink flowers.

ALMOND (**Prunus**), **Double-flowering Pink**. Grows 4 to 5 feet. Blooms before the leaves appear, with tassel-like flowers the whole length of the

branches. No 3-yr. size. A. Double-flowering White. No 3-yr. size.

Barberry, Box. Dwarf. See p. 29. Barberry, Japan. See p. 29. Boxwood, Dwarf. See p. 29.

Summer Lilac, or Butterfly Shrub

(Buddleia variabilis See cut

This most desirable summer-flowering shrub grows rapidly and will produce

masses of bloom the first season it is set out, even the one-year plants. Its freedom of bloom, ease of culture, attractive deep violet-rose color and delightful fragrance create a demand for it everywhere.

BUDDLEIA ASIATICA. White. A popular cut-flower. Pot-grown plants 30 cts., postpaid, and larger size 50 cts.

CALYCANTHUS ("Allspice," Sweet-scented Shrub, or Strawberry Shrub). Grows 5 to 6 feet. The dark crimson flowers that come in June are prized on account of their pungent fragrance.

CERCIS japonica (Japan Judas Tree). Flowers are rose-pink, with a purple cast, and come in solid clusters before the leaves. 2-yr. size only.

Six Ornamental Deutzias

Deutzias bear numerous small clusters of flowers in the early summer.

Deutzia gracilis. 2½ to 3 ft. Covered in May with white, bell-shaped flowers. D. gracilis rosea. Like the above, except that flowers are lovely pink.

D. Lemoinei. White, cone-shaped flowers which open out when full.

D. crenata rosea. Grows 4 to 6 feet. Flowers pink, bell-shaped.

D. crenata, Pride of Rochester. Grows 4 to 6 feet. Beautiful double flowers,

pure white tinged with blush; blooms profusely.

D. crenata magnifica. (New.) The finest of all the Deutzias. Flowers exceptionally large and pure white. Blooms end of May, about two weeks earlier than others. I-yr. pot-plants 50 cts., postpaid; field plants 75 cts.

EUONYMUS japonicus. An upright, evergreen shrub with handsome foliage that shines as if varnished. Makes beautiful specimens.

FORSYTHIA viridissima (Golden Bells). April. 5 to 6 feet. Bears long rows of bright golden yellow flowers. Splendid for mass planting.

F. Fortunei. April. Color deeper vellow than Viridissima. 2-vr. size only.

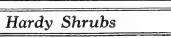
NEW **BERBERIS** WILSONAE

A very distinct and handsome shrub with unusual, small, glossy foliage. Flowers are golden yellow, produced in dense masses, and followed by salmon-red berries. Fine for specimen planting among shrubbery. I-yr. pot plants only, 50 cts. each, postpaid.



er Lilac, or Butterfly Shrub

Juminet Enter, of Butterin, Onto 1017, Inspirit					
PRICES	NOTE QUANTITY RATES	Each	10 for	25 for	100 for
For any of the above (unless otherwise	1-yr. Size, Postpaid	\$0 30	\$2 70	\$6 00	\$24 00
	2-yr. Size, Field-Grown	50□			
noted)	3-yr. Size, Field-Grown	75□	● 6 75□	15 00□	60 00□





HYDRANGEAS, PHILADELPHUS, SNOWBALLS, ETC.



Hydrangea paniculata grandiflora

HIBISCUS syriacus. See Altheas, page 34.

HONEYSUCKLE, BUSH (Lonicera tatarica). Grows 6 to 10 feet, and blooms early in the spring. An old-fashioned shrub, with sturdy, oak-like habit, good foliage, especially useful for screens and masses. Profusion of lovely white flowers in May and June, followed by translucent berries in the fall

Hydrangea paniculata grandiflora

BLOOMS IN AUGUST, SEPTEMBER, AND OCTOBER

The flowers are rich, creamy white, changing to pink, and borne in immense clusters, often more than a foot long; it blooms in August, the first and every succeeding year, and continues in bloom for months. It is entirely hardy, no trouble to grow, and splendid effects can be obtained with this free-flowering. shrub by planting it in masses along driveways, in groups among shrubbery or as a center for beds. 4-yr. size, \$1 each \square . See other prices below.

Hydrangea, "Hills of Snow" (H. arborescens grandiflora)

One of the most valuable characteristics of this shrub is its coming into bloom just after the passing of all the early spring flowers, while its long flowering season, from June till late August, makes it an acquisition on any lawn. The heads of flowers are produced on long, strong stems, making them good for cutting for indoor decoration. 4-yr. size, \$1 each. See other prices below.

(See cut page 41) New French Hydrangeas (H. hortensis)

These cannot be listed with the hardy shrubs as they are not entirely hardy everywhere in U.S.A. We find, with protection, they are hardy in this latitude. Charming for porch and house-front decoration. They are offered on page 41.

KERRIA japonica flore-pleno (Corchorus). Double, orange-yellow flowers, borne abundantly in May. Grows about 2 feet high and makes a neat, compact shrub that is very popular. No 3-year size.

Philadelphus (Mock Orange) 5 CHOICEST VARIETIES

Masses of exquisite fragrant white flowers in May and June. Growth 8 to 10 feet. They will bloom in shady places but do best in open sunlight.

Philadelphus coronarius. Erect, compact habit of growth. The true stock, which we have grown from cuttings, is very fragrant. Only a few nurseries have original stock of this splendid variety.

P., Avalanche. (New.) Large flowers on slender branches which arch gracefully.

P., Bouquet Blanc. (New.) A notable variety which produces large white flowers in immense quantities.

P., Manteau d'Hermine. (New.) A dwarf variety with very small leaves. Suitable for

rockeries. etc. No 3-year size.

P., Virginale. (New.) This is the grandest of all, with large crested flowers borne in great quantities. Without doubt one of the finest introductions in recent years. (See cut.) 1-year size only, \$1 each, postpaid.



New Philadelphus, Virginale

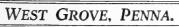
Japan Snowball (Viburnum plicatum)

Pure white flowers in dense, globular clusters, 4 to 5 inches in diameter, which look like balls of snow. The plant grows 6 feet and over, and the blooms fairly cover the bush. The heavy ribbed foliage of deep, dark green is beautiful always, and in May it makes a splendid setting for the handsome balls of snow-white flowers. Extra-large plants, splendid specimens, \$1 each \(\sigma\). See other prices below.

COMMON SNOWBALL (Viburnum Opulus sterile). June. 6 to 9 ft. Bears beautiful masses of flowers. Sometimes called the Guelder Rose.



	Visionia pringrami/s				
PRICES For any of the above (unless	NOTE QUANTITY PRICES	Each	10 for	25 for	100 for
	1-yr. Size, Postpaid	\$0 30	\$2 70	\$6 00	\$24 00
	2-yr. Size, field grown		4 50□	10 00□	40 00□
noted)	3-yr. Size, field grown	75□	6 75□	15 00□	60 00□





Hardy Shrubs

SNOWBERRY, SPIREAS, WEIGELAS, EVERGREENS

Snowberry (Symphoricarpos racemosus)

A small, native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August, and these are succeeded by abundant white berries that last well into the winter.

(See prices Four Choicest Spireas

Van Houtte's Spirea. Blooms in May and June and grows 5 to 6 feet in height. An immense bloomer, with pure snow-white flowers, borne in plume-shaped clusters all over the plant. Makes an attractive hedge. Most popular hardy Spirea. (See cut.)

Anthony Waterer. The perpetual-blooming Red Spirea. Makes nice, shapely bushes

2 to 3 feet high; begins to bear its large, flat clusters of rich, rosy red flowers almost as soon as planted and continues blooming at short intervals all through the summer and fall. Makes fine single specimens.

Bridal Wreath Spirea (S. prunifolia). Flowers white and double like little roses, borne

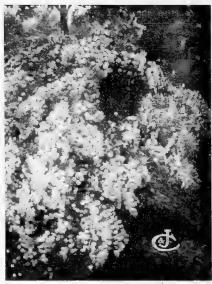
in great profusion the whole length of the branches; blooms early in spring. **Blue Spirea** (Caryopteris Mastacanthus, or Verbena Shrub). This is the firm This is the finest blueflowering shrub we have; makes neat, compact bushes, 18 inches to 2 feet high; begins to bloom in August and continues loaded with lovely sky-blue flowers until frost. The foliage has a peculiar, spicy fragrance.



12 Flowering Shrubs that Will Provide Bloom from April to October

and add about \$100 value to your property 2 Weigelas (2 varieties)
2 Deutzias (2 varieties)
2 Spireas (2 varieties)
1 Forsythia (Golden Bell) Altheas (2 colors)

2 Altheas (2 colors)
1 Hydrangea panic. grand.
1 Viburnum plicatum
1 Philadelphus
OFFER 36a. The above 12 Hardy Shrubs, \$3, postpaid; or 2-yr. size, the 12 for \$5 \square



The beautiful Spiraea Van Houttei A grand plant for hedges. It is perfectly hardy and makes graceful shapely bushes. Flowers cover the

(See prices

Free-flowering Weigelas (Diervilla)

These may be planted in the sun or shade. They make a broad, vigorous growth 5 to 8 feet in height. In the spring the entire branches are covered with white, pink or red, trumpet-shaped flowers.

Hortensis nivea. This is the finest and most graceful white Weigela in commerce; very rare. 2- and 3-year sizes only.

Eva Rathke. The everblooming Weigela. Splendid foliage; the lovely, dark red flowers, with creamy white markings, produce an effect not to be had in any other shrub. Flowers continuously.

Candida. Flowers pure white, borne in great clusters in June and occasionally throughout the summer. A most satisfactory shrub.

Rosea. Makes a large, handsome bush, with rose-pink flowers in great profusion.

Rosea nana variegata. The flowers are soft pink. Foliage is very attractive, being bordered with creamy white; desirable for planting among your dark-leaved shrubbery, to lighten it and also give variety to your collection.

PRICES For any of the	Note Quantity Prices	Each	10 for	25 for	100 for
above (unless otherwise noted)	1-yr. Size, postpaid	50□	4 50□	\$6 00 10 00 15 00	

Hardy Ornamental Evergreens Thuya (Arborvitae)

6 CHOICE VARIETIES

These evergreens are used for hedges as they grow so dense and make fine windbreaks. As pot plants they are fine on account of their shapely growth so they are often used for porch decoration. Use them on your lawn also and bank them around the base of the house where they will always look well if planted in good soil and cultivated occasionally.

Thuya elegantissima. Tips of the young shoots are golden yellow during summer and autumn. The most elegant of the golden tinted varieties. 8- to 12-in. plants.

T. sibirica (T. occidentalis Wareana). Large, bold, glaucous green foliage. Forms a broad pyramid. Makes a fine hedge. 8- to 10-in. plants.
T. pyramidalis. Columnar in form. Foliage is light green and the growth is dense and

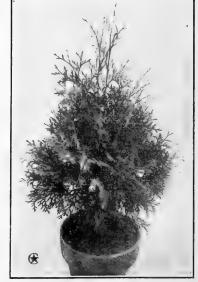
compact. A most valuable variety. 12- to 18-in. plants. (See cut.)

T. Vervæneana aurea. A gracefully drooping, yellow-marked evergreen which turns bronzy green in winter. Quite hardy and very attractive. 8- to 10-in. plants.
T. Vervæneana, Green. Same type and form of growth as aurea but the foliage is green

throughout. 8- to 12-in. plants.

T. Vervæneana, Variegated. Another variety of this beautiful class with the green foliage tipped with white. You should plant the three Vervæneanas in one group. Set them at least 5 feet apart to allow for growth. 8- to 12-in. plants.

Price for Above Evergreens 75 cts. each, any 6 for \$4 [



Arborvitae Pyramidalis





THE CONARD & JONES CO.

CLIMBING, TWINING, CLINGING VINES AND IVIES



Here we come into the fairyland of the flower-garden, for with vines and ivies one can produce really marvelous effects in a single season. Vines are about as important a part of your planting-scheme as are collar and necktie to a well-dressed man.

Vines may be used in many ways and places. The ivies cling and cover closely, clothing wood, brick, stone, and other buildings in delightful draperies of green and other colors, especially in the fall.

Porches, porticos, entrances, even buildings, of themselves bleak and bare, with vines become graceful and inviting. Archways, arbors, pergolas, pathways, and garden gates get their charm from well-selected, deftly trained climbers. Then, not the least important uses for these useful plants are as ground-covers for banks, stones, and stumps. They overcome evil (the unsightly) with good (beauty).



Three Clinging Ivies These need no support to walls

Japan or Boston Ivy (Ampelopsis Veitchii). For decorating walls, to make a house more homelike. The foliage changes in autumn to crimson. 25 cts. each; 2-yr., 35 cts.; 3-yr., 50 cts., postpaid. (See cut above.)

American Ivy (Ampelopsis quinquefolia). The true Virginia Creeper. Foliage is brilliantly colored in autumn. I-yr., 30 cts. each; 2-yr., 50 cts. each; 3-yr., 75 cts. each, postpaid. Hardy English Ivy (Hedera helix). Evergreen, with dark, glossy green leaves. 35 cts. each; large size, 50 cts. each, postpaid.

Sweet-Scented Japan Clematis (Clematis paniculata or Virgin's Bower).

The sweetest of all Clematis and the good, mellow soil and support the plants as soon as they have made even a few inches of growth. We consider this the most satisfactory, hardy flowering vine we offer. Flowers small, rich creamy white, borne in clusters, completely covering the vine. The sweetest of all Clematis. I-yr., 25 cts. each; 2-yr., 50 cts. each; 3-yr., 75 cts. each, postpail.

Akebia quinata. Tiny violet-brown cinnamon-scented flowers. 1-yr., 30c., ppd.; 2-yr., 50c.

Bignonia grandiflora (T h e M a m - moth-flowered Trumpet Creeper). Through July and August it bears immense quantities of great, orange-red, trumpet-shaped flowers. 6oc. each

Celastrus scandens (Native Bittersweet).

Yellow flowers in June, followed with orange fruit. 3-yr. size only, 5oc. ea.
Chinese Matrimony Vine (Lycium

Chinese Matrimony Vine (Lycium barbarum). Small, bright rosy purple flowers, followed by brilliant scarlet berries. 35c., ppd.; 2-yr., 5oc.; 3-yr., 75c. □

Dutchman's Pipe (Aristolochia Sipho). Flow-ers pipe-shaped. Foliage large and makes dense shade. 50 cts. each

Euonymus radicans. Small, rich green leaves; a splendid wall-covering. 1-yr., 25 cts.; 2-yr., 40 cts., postpaid.

E. radicans variegatus. Leaves green and white. I-yr., 25c.; 2-yr., 40c., ppd. E. radicans vegetus. A most beautiful vine, bearing a profusion of bright red berries well into the winter. 35 cts.; larger size 50 cts., postpaid.

Kudzu Vine (Dolichos japonicus; Pugrand hardy climber; will run 30 to 40 feet in a season. Makes splendid shade. 30c. each; larger size, 50c. ppd.

6 Honeysuckles, Sweet-Scented

Honeysuckles are vigorous growers, not troubled with insects or diseases, and are very desirable for shade and shelter. Several varieties are almost evergreen.

Everblooming Heckrottii. Flowers are carmine, with golden apricot center. An unceasing bloomer. (See illustration.)

Halliana. This variety is intensely sweet scented. A constant and most profuse bloomer; flowers buff-yellow, passing to white.
 Evergreen Sweet-scented. A hardy, vigorous grower; deliciously sweet; flowers buff, yellow, and white.

sweet; flowers buff, yellow, and white.

Golden-leaved Honeysuckle. A moderate grower; leaves veined

and netted with vellow; flowers yellow and sweet scented.

Hendersonii. Brilliant orange-red with bright yellow mouth.

Red Coral Honeysuckle. Flowers coral-red, very pretty.

Price each: 1-yr., 25 cts., postpaid; 2-yr., 40 cts.; 3-yr., 65 cts.

20FFFER 37 One each of the above 6 Honeysuckles in 1-yr. size, \$1.25, postpaid; in 2-yr. size, \$2.25; 3-yr. size, \$3.50

size, \$2.25; 3-yr. size, \$3.50 \(\)

Wistarias grow rapidly and will climb to the roof of a house if given support. We offer three of the most free-flowering kinds which produce an abundance of bloom in May.

Magnifica. Soft lavender-blue.
Chinese White. Lovely silvery white.
Chinese Blue. Violet-purple. Fine.
PRICE. 1-yr. 40 cts. each, postpaid; 2-yr.,
75 cts. each □

RAPID GROWING Summer Vines

The Cinnamon and Madeira Vines are the most rapid in growth. Plant them early in May and have shade during the hot summer months.

Cardinal Climber. Grow this from seeds, see p. 42.

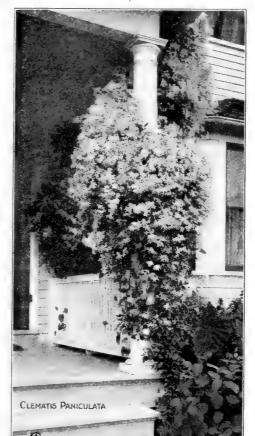
Cinnamon Vine. Produces tiny white flowers.
Strong roots, 10c each, 3 for 25c., ppd.

Madeira Vine. Bears sweet, feathery, white flowers. Roots, 10 cts. each; 3 for 25 cts.; 12 for 75 cts.

Passion Flower, Northern Cross. Shows a well-defined raised cross in the center, surrounded by a halo of fine sky-blue rays. 25 cts. each; larger size, 40 cts., ppd.

Vinca variegata. Low - growing, trailing vine; bright glossy green leaves, widely bordered with creamy white. 20c. ea., ppd.

AND DON'T FORGET HARDY CLIMBING ROSES OFFERED ON PAGES 18 TO 21





WEST GROVE, PENNA.

Vines and Climbers

THRIFTY FRUITS FOR EVERYONE'S GARDEN

LITTLE COST, LITTLE SPACE, LITTLE LABOR, AND BRING BIG RETURNS

When you plant a home-garden nowadays you have to consider what will give the best returns for the space occupied. These fruits all "earn their keep" and more, for from a single grape-vine, well matured. it is easy to get at least a bushel of luscious fruit for eating or preserving for winter. Blackberries and raspberries

> also produce fruit bountifully. Plant at least a dozen of a kind and plant wherever space can be found.



For table use when fresh

Blackberries

6 for \$1, 12 for \$1.75, postpaid; 100 for \$7.50 [

Early Harvest. A compact, dwarf grower: it ripens very early; excellent quality and very productive.

Snyder. The fruit is of medium size. sweet and juicy, with no hard, acid core. Eldorado. A midseason Blackberry, producing large, rich-flavored fruits.

Lucretia Dewberry.

This plant belongs to the Blackberry family and can be grown on banks as it makes a trailing vine instead of upright branches like the Blackberries. The large, luscious black fruits ripen earlier than Blackberries and make delicious preserves. 6 for 65 cts.; 12 for \$1, postpaid.

Japanese Wineberry. The large berries of the Wineberry are similar in form to raspberries and in color are a clear rich scarlet. The fruit is covered with curious reddish mossy burrs which open when the berries are ripe. It is one of the most reliable fruits for the home garden as the crop never fails. Fine for desserts and jellies. 3 for 50 cts.; 7 for \$1, postpaid.

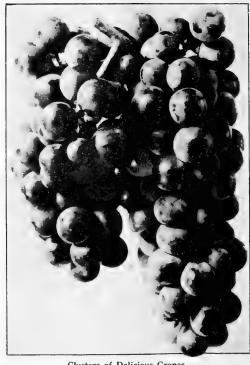
Three Best Raspberries

Cuthbert, or Queen Raspberry. Large, handsome, crimson berries. Very sweet. Columbian. The largest, finest-flavored black Raspberry

Above two, 6 for \$1, 12 for \$1.75, postpaid; 100 for \$9 [

St. Regis Everbearing. A unique variety of great value. It ripens very early—in advance of all others, and gives an immense summer crop. It also gives an autumn crop, continuing to produce large, perfect berries of full flavor until the ground freezes. The canes are of ironclad hardihood and of vigorous growth. Berries of good size, rich bright crimson in color, and of excellent quality. Unlike any other variety of the red Raspberries, it yields a

moderate crop of berries the first season. If you have room for no other, plant St. Regis. Price 12 for \$1.25, ppd.; 100 for \$7.50 [



Clusters of Delicious Grapes

Large, Luscious Grapes

Grapes are ornamental as well as fruitful. Plant them wherever you have a place where the vines can be tied. You can plant them against buildings, over arches, on trellises, etc. These vines grow fast, they have large leaves, and make welcome shade in

summer.

Price: All of the kinds below (except McPike), 75 cts. each; any three 75c. kinds for \$2 \(\text{Discounting continuous} \)

Niagara. The most popular white Grape. The clusters are large and compact and ripen in midseason.

Concord. The most popular black. Makes large, luscious bunches

Campbell's Early. Black; delicious. The berries are large and sweet and ripen early in the season.

McPike. Purplish black in color; deliciously flavored. Succeeds everywhere. \$1 each;

3 for \$2.50 □



TWO WONDERFUL FRUITS FOR INDOOR GROWING The American Wonder Lemon Dwarf Otaheite Orange

This beautiful Dwarf Orange Tree is one of our very prettiest house plants; thick glossy green leaves, deliciously sweet, pure white flowers; begins fruiting at once, and bears flowers and lovely golden yellow oranges all the year round; acrily ground and the property and the p low oranges all the year round; easily grown and requires very little care. Set outdoors in summer, in rich soil and repot for indoors before frost. Large size mailing plants. 50 cts., postpaid; larger size fruiting plants, 75 cts.

Fruits are immense. The flowers are pure waxy white and very sweet, like orange blossoms; the leaves are thick, glossy green, and shine as if varnished. Bears almost every month in the year. Great results are obtained by setting this Lemon outdoors in good garden soil about June 1. It should set a number of fruits ready to ripen when taken indoors for the winter. 35 cts. each; larger size, 50 cts. each, postpaid; extra sizes, 60 cts., 75 cts., and 1 each \square



Fruits (Garden and House)



THE CONARD & JONES CO.

CHOICEST FIELD-GROWN DAHLIA ROOTS

At Postpaid Prices

Almost everywhere recognized as the most satisfactory outside fall flowers, because of the endless variety of fascinating shapes,

marvelous colors, and their splendid lasting qualities when cut.

We offer no ordinary list, as it represents the combined recommendations of the leading Dahlia specialists of our country. In each of the eight sections you will find the sorts which in each color class stand out as preëminently the leaders. So long as you confine yourself to this page you cannot miss having choice Dahlias. Plant in well-drained, rich soil, 2 feet apart to get full sunshine.

WE ARE MEMBERS OF THE AMFPICAN DAHLIA SOCIETY

A Magnificent Leader

Kalif. (Colossal Cactus.) A magnificent flower of true Cactus form. It often measures 9 inches in diameter and the pure scarlet blooms are held upright on strong, stiff stems. A great novelty. \$1 each.

Four Selected Novelties

HORTULANUS FIET. (Decorative.) A giant-flowered variety. The most delicate shade of shrimp-pink, with tips of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a softness of color difficult to describe. \$1 each.

HORTULANUS WITTE. (Decorative.) A splendid exhibition variety. Flowers very large, long-stemmed and pure white. 50 cts. each.

MINA BURGLE. (Decorative.)
Color is rich, luminous dark scarlet This is the freest-flowering red Dahlia in this class. 60 cts. each. (See cut.)

PRINCESS JULIANA. (Peony-Decorative.) A pure white variety of special merit. The cut-flowers last three or four days in water. 50c. each.

Peony-flowered Dahlia

The Peony-flowered type has been recently introduced. Flowers are very large and the blooms are freely produced on long, strong stems, suitable for cutting.

Geisha. The pride of the Peony-flowered Dahlias. The color is a combination of scarlet and gold with yellow at the center. Flowers 6 inches across. 60 cts. each.

One each of the above 6 Dahlias, every one a winner, for \$3.75, postpaid.

6 Choicest Cactus Dahlias

Cactus Dahlias are loosely and artistically formed and very irregular. They generally have long, narrow, curled petals, some varieties being straight, others gracefully incurved. For cutting they are unsurpassed, as the flowers are formed on long, strong stems.

Countess of Lonsdale. A delightful blending of salmon-pink and amber, difficult to describe but peculiarly attractive. For quantity of bloom it is in a class by itself. 30 cts. each.

J. H. Jackson. Brilliant crimson-maroon, perfect flowers with long, pointed florets. A very dark Cactus Dahlia; early, free bloomer. 20 cts. each.

Juliet. Rosy pink, tinting lighter toward the center; very large flower with long incurved petals. 25c. each.

Lawine. Superb. Soft snowy-white, showing blush as the flower matures. 25 cts. each.

Prince of Yellows. Color rich canaryyellow. A splendid kind to use for cut-flowers. 25 cts. each.

Rene Cayeux. Rich geranium-

red. Unusually brilliant. 25c. ea.

EOFFER 39b One each of the above 6 popular, free-blooming, large-flowering Cactus Dahlias for \$1.35, postpaid.

Single Dahlias

These have one row of petals and resemble a very large cosmos. Especially fine for cutting.

Rose-Pink Century. Flowers 6 inches.

across; rose-pink. 20 cts. each.

White Century. Pure white, with overlapping petals. 20 cts. each.

Wildfire. Cochineal-red, suffused orange-scarlet. 25 cts. each.





7 Decorative Dahlias

Decorative Dahlias are large, flat when fully open, perfectly double, and full to the center. Petals are broad and in most cases nearly flat, but some are fluted.

Delice. Beautiful, glowing rose-pink. Fine for cutting, as it

has long, strong stems. 25 cts. each.

Jack's Discovery. White, mottled with violet-rose. 25 cts. each. Jack Rose. Velvety crimson. An ideal cut-flower. 25 cts. each. Mrs. J. Gardner Cassatt. A fine cut-flower variety; color is a pleasing shade of mauve-pink. 30 cts. each.

Papa Charmet. Bright, glowing velvety maroon. 35 cts. each. Professor Mansfield. (Fancy.) Rich yellow, white tips and rosy center. 25 cts. each.

Sylvia (Dolly). Soft, pleasing mauve-pink, gradually changing to white in the center. An especially fine cut-flower. 25 cts. ea.

>0FFFER> 39a One each of the above 7 beautiful Decorative Dahlias for \$1.70, postpaid.

3 Superb Show Dahlias

Show Dahlias are large, globular-shaped, double flowers, regular, compact, and full to the center.

A. D. Livoni. Beautiful soft pink. 25 cts. each.

Black Diamond. Deepest garnet, very dark shadings. 25 cts. Red Hussar. Pure cardinal-red; flowers perfect. 20 cts.

*OFFER > 39d Above 3 Superb Show Dahlias for 60c., ppd.

Unique Collarette Dahlia

Maurice Rivoire. Broad petals of ox-blood-red and a pure white, fringed collar. A most unusual flower and every Dahlia grower should have it. 30 cts. each.

Grand Dahlias in Mixture (NOT LABELED)

Our Double XX Mixed Dahlia Roots are made up of the finest named kinds, both Single and Double varieties, all colors and shades. 10 for \$1.50, postpaid; 15 finest mixed, only \$1.50 \[\].



Mina Burgle. A Magnificent Red.

Flowering Bulbs

BEGONIAS, CARNATIONS, CHRYSANTHEMUMS, ETC.



Fragrant Carnations for cutting

Free-flowering Chrysanthemums

Price, 25 cts. each, postpaid

Beauty of Truro. An Ostrich-Plume variety. Magnificent, large, rich purplish bronze flowers, beautifully feathered and very attractive.

Col. Appleton. Golden yellow, large

globular flowers. Good grower. **Dr. Enguehardt.** Pink, without a trace of

purple. Large, full flower.

Estella. Large; creamy white.

Harvard. Very dark crimson.

Marigold. Rich golden yellow.

Major Bonnaffon. Clear yellow, globular flowers. Roserie. Bright pink; profuse bloomer.

Pacific Supreme. Immense flowers; dark pink. White Bonnaffon. Globular flowers; snowy white.

*OFFER> 40 Any 3 above Chrysanthemums for 70 cts., or the set of 10 for \$2.25, ppd.

7 Dainty Dwarf Ferns

FOR FERN-DISHES AND TABLE DECORATION

Crested Holly Fern (Cyrtomium Rochfordianum). Fronds are green and deeply toothed. 20 cts., 35 cts. and 60 cts. each, postpaid.

Maidenhair Fern (Adiantum hybridum). Lacy fronds, unlike any other. 35 cts. each, postpaid. **Parsley Fern** (Onychium japonicum).

parsley. 25 cts. each, postpaid.

Crested Pteris Wilsonii. Like crested seaweed. 20 cts. each, postpaid.

Silver-leaf Fern (Pteris cretica albo-lineata). Peagreen foliage with silvery variegations. 20 cts. and 25 cts. each, postpaid. Crowfoot Fern (Pteris Wimsettii multiceps).

fronds are bunched at the top of strong black stems. 25 cts. each, postpaid.

Bird's-eye Fern (Aspidium Tsussimense). Very dwarf in growth; the fronds have a lace effect. 25 cts. each, postpaid.

Umbrella Plant (Cyperus alternifolius)

Very easily grown if given lots of water. 25 cts. each, postpaid; larger size, 50 cts. \square .

Non-Hardy Plants

Choice Flowering Begonias

The Hardy Begonia, Evansiana. This unusual variety is perfectly hardy and grows upright, bearing its masses of exquisite coral-pink flowers on strong stems that need no support. The foliage is beautiful and decorative always, which adds greatly to the value of the plant. It spreads rapidly and is excellent for planting along the base of a porch. Each healthy plant will throw out several strong stems, and, if mass effect is wanted (and this is desirable), set the plants 12 inches apart. A few plants will produce such a mass of bloom that you will have plenty for table decoration. 25 cts. each, 10 for \$2.25,

postpaid; 100 for \$20.
Ramosa Picta. A fine indoor Begonia. Flowers bright pink. 25 cts. each, postpaid. President Gaulin. Fine foliage. Flowers pinkish white. 25 cts. each, postpaid.

Beautiful Fragrant Carnations

Victory. Magnificent bright scarlet. Delightfully fragrant. 20 cts., postpaid. Enchantress. A most beautiful rose-pink. Sweet, pungent fragrance. 20 cts., postpaid. White Perfection. Dazzling white, large flower. For "Mother's Day." 20 cts., postpaid.

Two Handsome Variegated Crotons

Aureo-maculatum. Narrow foliage, green and gold; very effective. Price, 35 cts. each, Majesticum. Dark green leaves with yellow and crimson markings. postpaid

Royal Purple Bougainvillea. In great demand for Easter decoration. Bears masses of curious, reddish purple flowers. 35 cts. each, postpaid; 2-yr., 60 cts.; 3-yr., \$1. []

Chrysanthemum Large Flower

Scarlet Fountain Plant. (Russellia elegantissima). Vivid scarlet, tubular flowers produced on wiry stems which fall over like water from a fountain. 25 cts. each, postpaid.

Artemisia A MOST BEAUTIFUL EDGING PLANT

Can be kept trimmed to any height desired. Foliage is thick in texture, feathery in appearance, and silvery white in color. 25 cts. each. 12 for \$2, postpaid; 100 for \$12 [].

Fuchsia speciosa

Flower is rich carmine and rose. Foliage is bright, glossy green. 25 cts., each, ppd.

Genista (Shower of Gold)

Becomes covered with fragrant golden bloom, in drooping racemes. Easily grown. 25 cts. each, postpaid; larger size, 50c. □.

Heliotrope, Jersey Beauty

Deepest violet-purple color, with white eye. Deliciously fragrant. 20c. each, ppd.

Two Lovely Lantanas

Weeping Lantana, Mrs. McKinley. Stems are slender, so they "weep" when 8 or 10 inches high. Clear lilac-pink flowers all season. 25c., postpaid. Michael Schmidt. Orange and red. A spectacular bedding variety. 25 cts., postpaid.



Instructive Book

"THE CHRYSANTHEMUM"

ASPARAGUS PLUMOSUS (Climbing Lace Fern). Fine, feathery foliage which remains fresh for weeks when cut. Does well in a sunny window and the fronds can be trained on the curtains if desired, giving a beautiful effect. (See cut.) 25c., postpaid; extra sizes, 35c. and 50c.

ASPARAGUS SPRENGERI (Em-

erald Feather). Very valuable for vases and baskets. Makes long, trailing, emerald fronds. 25 cts. each, postpaid; extra sizes, 35 cts. and 50 cts. each [].

>0FFER> 40a These two Ferns, 1st size for 45 cts., postpaid; largest size, the 2 for 90 cts. ...



Asparagus plumosus (Climbing Lace Fern)



THE CONARD & JONES CO.

FERNS, GERANIUMS, HYDRANGEAS, ETC.

Large-growing Ornamental Ferns FOR LIVING-ROOM AND PORCH DECORATION

A north window or any window which has lots of light and but little or no direct sunlight will suit Ferns; the sun injures the delicate fronds.

Roosevelt Fern. Resembles the world-famous Boston Fern, but produces twice as many wide, drooping fronds, and the pinnæ are beautifully undulated, giving a pronounced wavy effect seen in no other variety. It has sprung into wonderful popularity, and when better known will be wanted by everyone.

Teddy Junior. Has all the valuable characteristics of the Roosevelt Fern, but it produces shorter fronds in great quantities.

Amerpohlii (The Philadelphia Lace Fern). Each broad, graceful frond seems like a piece of delicate lace. This is one of the most beautiful ferns ever offered.

Boston Fern. Fronds grow 2 to 3 feet long and droop over in the most delightful way. Everyone knows the Boston Fern and it is still in great demand.

Newport Fern (Scottii). Resembles the Boston Fern, but grows more erect, has shorter,

narrower fronds and makes three times as many of them.

Scholzelii. The crested dwarf Scottii Fern. The plant has a fluffy crested appearance much like the Ostrich-Plume Ferns.

Whitmanii. (See illustration.) Fronds wide, graceful, dense and feathery.

Prices for all above Ferns: 25 cts. and 35 cts. each (according to size), postpaid; larger sizes, 50 cts. and 75 cts. each \square

Choicest Double Geraniums

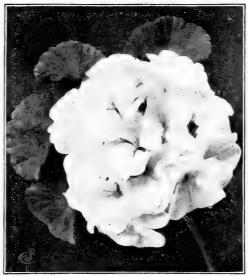
25 cts. each, or any 10 for \$2.25, postpaid

Beaute Poitevine. This is one of the best semi-double, light salmon-pink bedding Geraniums. The plants grow bushy and regular and form heads of beautiful blooms continuously. A solid bed of this exquisite variety is unsurpassed when a salmon-pink effect is desired. Fine for bordering a bed of City of Portland Cannas.

La Favorite. Pure white, elegant flowers of surpassing beauty; fine for bedding and cut-flowers. The blooms are freely produced all season.

Double Gen. Grant. Bright vermilion-scarlet; well known as one of the best and brightest Geraniums for bedding

Queen of Crimsons, S. A. Nutt. The best dark, rich crimson bedding Geranium; blooms incessantly. There is more demand for this Geranium than for any other red variety.



Geraniums bloom all the time. Always satisfactory



Whitmanii Fern

Rubber Tree

For indoor decoration. Will thrive under conditions that would kill ordinary plants. Fine, sturdy, healthy plants with large glossy leaves. Price \$1 and \$2 each, according to size \(\sigma\)

Sweet-scented Geraniums

Leaves are delightfully fragrant.

Lemon. Pungent lemon odor. 25c., ppd. Rose. The old favorite rose-scented Geranium. 25 cts., postpaid.

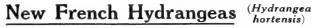
Pelargoniums

LADY WASHINGTON GERANIUMS

These are the most beautiful of the Geranium family and make strong, vigorous plants.

Pansy. Pink and crimson, with dark blotches, sometimes feathered white. 25 cts., postpaid.

Mrs. Layal. Pink and crimson, with dark blotches. 25 cts. each, postpaid.



Grand, low-growing, bushy shrubs, hardy in sheltered locations in the latitude of Philadelphia. Unequaled for porch and lawn decoration during summer. The blooms are immense, and come in such quantities as almost to cover the bush. On the approach of freezing weather in northern states, store in a light, cool cellar and water only sufficiently to keep the roots from drying up. If they start growth during the winter, move to cooler quarters. To make these Hydrangeas bloom blue, incorporate one-half pound of alum, broken into pieces about the size of a hickory-nut, with each bushel of soil. When in active growth, water liberally and apply liquid manure or plant food about every two weeks. Prices for all, from 3-inch pots, 35 cts. each; from 4-inch pots, 50 cts. each, postpaid; from 6-inch pots, \$1 each [

Bouquet Rose. Large clusters of rosy amber changing to bright pink. Mme. E. Mouillere. Large individual flowers of pure white.

Mousseline. Mauve-rose with cream-colored center; often comes darker.

Large-flowered Chinese Hibiscus 25 cts. each, postpaid; large size, 50 cts. each

Peachblow. Immense double flowers, like gigantic frilled roses, very freely produced; rich pink with deep crimson center. Use rich soil. Grandiflora. Immense single flowers; bright rose-pink; very beautiful.



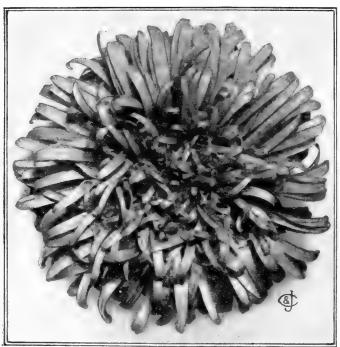
French Hydrangea. Try a few along the base of your porch



Non-Hardy Plants

FLOWER SEED DEPARTMENT

This department is entirely distinct from our Rose and Plant business. It is presided over by those who for years have devoted themselves exclusively to the study and handling of the best Flower Seeds and Bulbs to be had. Whether in Europe, Japan, California, or at home, wherever the different varieties reach their greatest perfection—there is our supply obtained. We endeavor, not in a premium, but in the stock furnished, to give full value. Please note that following pages contain also recent introductions.



The New "Astermum." Flower 51/2 inches across

150 "Astermum" or Glorified Aster O (See cut) An entirely new creation in Asters. Each plant yields from ten to fifteen magnificent blooms on sturdy stems 18 to 24 inches long. Mixed pkts. including three colors, 15 cts., or 2 pkts. 25 cts.

Three Remarkable New Asters \circ

215 AMERICAN BEAUTY. Large flowers of bright carmine-rose, almost identical in color with the famous American Beauty rose. It blooms late in the season. Pkt. 10 cts.

216 PURPLE AMERICAN BEAUTY. A wonderfully rich purple Aster of the same habit of growth as American Beauty. The immense flowers are usually 4 inches in diameter. Pkt. 15 cts.

214 NEW RED ASTER, "HEART OF FRANCE." O Large, full,

and double to the center. It is as red as the purest ruby when opening, darkening as the flower ages. Pkt. 25 cts.

Five Splendid "King" Asters O

The long, narrow petals are folded lengthwise, appearing as if quilled. These Asters keep well when cut and make exquisite bouquets. 200 Rose King 201 Violet King 202 Pink King 203 White King 213 Lavender King
ABOVE KING ASTERS, 15c. PER PKT., OR ANY 5 PKTS. FOR 60c.
193 QUEEN OF THE MARKET. Very early flowering. Mixed colors, pkt. 10 cts.

Semple's Branching Asters O

Splendid large flowers and enormous bloomers. Price 10 cts. per pkt. 197 Shell-Pink 195 White 196 Purple 210 Azure-Blue 198 Crimson 211 Peach-Pink 199 Mixed Colors. 1/4 oz. 40 cts. Any 6 pkts. Semple's Branching Asters for 50 cts.

204 C. & J. Finest Mixed Asters O

This splendid mixture has received high praise from our customers. It is made by ourselves and, knowing the varieties included, we recommend it strongly. Pkt. 10 cts., ½02. 40 cts., oz. \$1.50.

For complete index to Flower Seeds and further information of these signs, see page 49. ① Annuals; ② Biennials; Greenhouse Plants; ② Perennials; Stove Plants; § Climbing Plants.

69 AGERATUM, Imperial Dwarf Blue. O Grows 6

og AGERATUM, Imperial Dwarf Blue. Grows 6	
inches high; excellent for blue ribbon borders. Blooms continuously and profusely from June till	Dl-+
frost. Splendid when massed	0 05
frost. Splendid when massed	05.
75 ALYSSUM, Little Gem. O 1/202. will plant 40 feet.	
Grows only 3 to 4 inches high; a perfect mass of	
White flowers which last the entire summer I in-	
surpassed for borders 40z. 25 cts., 0z. 75 cts 76 Sweet. Grows 4 to 6 inches high; excellent for	10
edging	05:
edging	· 3.
illustration on page 37	05
	_
new, improved sorts. 3 separate colors:	
85 "Scarlet, 10c. 86 White, 10c. 87 Yellow, 10c. 88 "3 colors, Scarlet, White, and Yellow, Mixed 89 "Dwarf Tom Thumb. © Grows 6 inches, covered	10
89 " Dwarf Tom Thumb. O Grows 6 inches, covered	10
with beautiful spikes of gaily colored flowers	05
with beautiful spikes of gaily colored flowers 99 ASPARAGUS Sprengeri. \(\subseteq \) Valuable for vases,	-3
baskets, etc	15
93 AQUILEGIA. Columbine. 21 Improved. Many beau-	
tiful colors, perfectly hardy	05
than the old kinds	0.5
than the old kinds	05
double, like roses, in all colors. Splendid mixed	05
→ Begonias for Bedding. Height 9 to 12 in	ches
Seed is very fine and germinates slowly. Start indoors in ruary or March for May planting. The foliage is thick and gl and the brilliant flowers bloom profusely all season until frost.	OSSV.
and the brilliant flowers bloom profusely all season until frost.	Pkt.
237 California Hybrids, Mixed	0 05
253 BROWALLIA. O Charming sky-blue flowers. Excellent	
for winter window bloom	05
257 CACTUS. Choice mixed	10
257 CACTUS. → Choice mixed	
in mixed colors	15
272 CANDYTUFT, Giant Hyacinth-flowered. O Pure	05
white flowers almost like a hyacinth 1/40z. 25c	05
273 "Fragrant Empress. © Pure white	05
276 " Hardy. 2! Pure white	05
267 CAMPANULA. Canterbury Bells. Bell-shaped flow-	
ers, single. Mixed colors	05
CANNAS. 8 choice named kinds. (See page 43.)	05
400 CARNATIONS, Marguerite. Superb New Dwarf. O	
Blooms abundantly in three to four months after	
sowing. Mixed colors 40z. 40 cts., oz. \$1.25	10
401 "Perpetual or Tree. Finest mixed	15
402 "Perennial. 24 Seeds sown in the open ground in May	
very showy. Choice, double: mixed	IO
or June bloom splendidly the next season and are very showy. Choice, double; mixed	
tiful, bell-shaped flowers, green at first, but change to	
violet-blue. Grows 30 feet in a season. 1/40z. 25c CARDINAL CLIMBER. (See Ipomœas or Moonvines,	05
page 44.) 408 CELOSIA Ostrich-Plume (Makes plants 2 feet high	
 408 CELOSIA, Ostrich-Plume.	05
409 " Childsii, or Chinese Woolflower. New. Makes	- 5
magnificent plants that are covered with ball-	
shaped woolly flowers of deep crimson	15
shaped woolly flowers of deep crimson	
nuny nowers as Dig as teacups. Mixed colors	05
valuable for beds and edgings	05
CHINESE WOOLFLOWER. New. (See Celosia Childsii.)	03
420 CHRYSANTHEMUMS, Perennial. 2 Seed saved from	
the finest hybrid Japanese, Chinese and Ostrich-Plume	15
V	

CANNA SEEDS, COSMOS, DELPHINIUMS DIANTHUS



Original Native Canna

C. & J. New Seedling Lily-Canna

C. & J. Canna Seeds

We lead in Canna seeds, as in the plants, for these seeds are produced on our own grounds and cannot be surpassed. (See our Canna plants, with fuller descriptions, offered on pages 26 to 28.)

When ready to plant, soak seeds in warm water for half a day or more, and then plant indoors, about I inch deep, in a moist, sandy soil. You should get about 60 per cent to germinate. Transplant to 18 inches apart as soon as the ground is warm—not before.

C. & J. seeds are saved from picked flowers only and cannot be duplicated anywhere

These named kinds have been picked from named Cannas, but, as they are not segregated, the seeds cannot all be expected to come true to name; but they will in every case produce beautiful blooms. 345 City of Portland. 4 ft. Rich salmon-pink; a most Pkt. Oz. profuse bloomer.

357 Conowingo. 5 ft. Fiery scarlet flowers. Foliage plum-color and olive-green. I 00 310 Duke of Marlborough. 4ft. Rich, velvety crimson T 00 15 Gaiety. 5ft. Reddish orange, carmine, and yellow. I 00 15 T 00 15 T 00 15

C. & J. Lily-Canna Seed, Mixed

359 Morning Glow. 4 ft. Pink with orange-red center 349 **Princeton.** 4 ft. Brilliant buttercup-yellow....

From this mixture you are quite likely to secure some new improved and as yet unintroduced sorts. Twenty seeds in each packet.

342 C. & J. New Pedigree, Extra Choice ... \$0 25 50 344 Canna bybrida. Good mixed 15 50



Cosmos for lovely bouquets

Cosmos

15

T 00

T 00

450 **Crimson Ray.** ① Comes in star-like form. Brilliant crimson color; strikingly beautiful. Pht rock

ingly beautiful. Pkt.10c.
452 Lady Lenox. ① Sea-shell
pink flowers. Pkt.10cts.
453 White Lady Lenox. ①

453 White Lady Lenox. © Snowy white. Pkt. 10c.

454 Early-blooming Fancy.

O Mixed colors; blooms profusely. Pkt. 10 cts., oz. 25 cts.

425	CINERARIA hybrida.
	⊙
	inches across and come in
	many brilliant colors.
	Pkt. 15 cts.

427 **CLEMATIS panieulata.** § The Sweet-scented Japan Clematis. (See description, page 37.) Pkt. 10 cts.

433 COCKSCOMB, Queen of Dwarfs. © Grows only 8 to 10 inches high, and bears immense heads of bloom 10 to 12 inches across; deep. rich. velvety crimson. Pkt. 5c.

441 COLEUS, Large-leaved and Fringed Strains.

O Produces the finest-colored, most attractive, and novel plants for bedding and borders. Sow indoors in March or April. (See cut.).....



Coleus with Alyssum border

10 15

05

442 "Choice Mixed. © Will produce splendid plants....
447 COREOPSIS grandiflora. 2! Grows 2 feet high; golden yellow; flowers profusely.

468 CYCLAMEN persicum. Beautifully variegated foliage and richly colored, orchid-like flowers.....

471 "giganteum. Very large flowers. Finest mixed...

479 **CYPRESS VINE.** S A beautiful vine with delicate, fernlike foliage and lovely star-shaped flowers. Mixed..

Daisies. 4 Varieties

540 **DIANTHUS.** Chinese and Japanese Pinks. **C. & J. Finest Sorts, Mixed.** ① The colors range from pure white to deepest crimson in endless combinations. Pkt. 5 cts., 1/40z. 25 cts., 1/40z.

545 " plumarius. Pheasant's-Eye Pink. 2 Has a delightful, penetrating fragrance; the original Clove Pink. Pkt. 10 cts.

548 **DIGITALIS.** Foxglove. 2 Every year increasingly cultivated in shrubberies and woodlands. Fine mixed. Pkt. 5 cts.

553 **DOLICHOS, Daylight.**Japanese Hyacinth
Bean. ① § Undoubtedly one of the nicest.
It grows 8 to 10 feet
high and will quickly
cover itself with long,
graceful clusters of pure
white, sweet, wistarialike flowers. Pkt. 5 cts.,
oz. 20 cts.



Dianthus, or Hardy Pinks





DAHLIAS, GRASS SEED, GERANIUMS, ETC.

50

Try S	ome	Dahlias	from	Seed	this	Year
-------	-----	---------	------	------	------	------

0.5	DA	AHLIAS, FINEST DOUBLE. O It is now well known that fine Dahlias are grown Pk	t.
		from seed sown in the spring. Seed started in the house and set out the last of May	
		will be in bloom as soon as plants from roots, and will produce as many fine flowers.	
	FOR	Finest double, Mixed. (See cut.)	10
	500	Dahlias, Cactus, Double, Mixed Colors. O The colors range from darkest maroon	
	511	to bright scarlet, pink, snow-white, and also yellow. Seed from choicest kinds. **Collarette, Mixed Colors.	15
2		novel in appearance	15
3	513	•• Colossal. • This strain produces immense flowers 8 to 9 inches in diameter	15
2)		OFFER 44. 1 pkt. each of above 4 Dahlias for 50 cts.	
3)	593	ESCHSCHOLTZIA. California Poppy. ② Brilliant orange-red and white flowers all	
3			0.5
2	630	FERNS. \(\sum \) Mixture of beautiful sorts. Sow in light, peaty soil	ĪĜ
4	633	FEVERFEW, Double. 2 Handsome, large, double white flowers; excellent for	
7		bedding. 12 inches high	05
3	636	FORGET-ME-NOT, Victoria. Azure-blue. Nice for carpet-bedding and edging.	05
5	643	FUCHSIA. They flower freely the first year. Whether grown from seeds or	
			IJ

Dahlias are fine for late-season bloom

Choice Geraniums from Seed

Geraniums bloom finely from seed the first sea	ason. Many persons prefer to raise them, as it is
uch the cheapest, and there is always a chance of	of getting valuable new sorts. (See cut.)
53 Finest Mixed. Exquisite kinds Pkt.	659 Apple-scented. Leaves delight- Pkt.
in all colors\$0 10	fully scented\$0 15
56 Good Mixed. \(\sime\) Choice varieties. 05	See also Pelargonium Seed , page 45.

Beautiful Gerberas

664	Adnet's New Hybrids. 21 The blooms are like immense Pk	t.
	daisies and come in all colors, on stems 18 inches long.	
	Gerberas rank with Cosmos as satisfactory cut-flowers\$0	25
665	Giant Scarlet. 21 New. Flowers 5 to 6 inches across;	
	color intense scarlet; grand for cutting	25
668	GLOXINIA hybrida. The handsome, bell-shaped flowers show a great variety of beautiful colors, many	
	being spotted and blotched	15
		7

C. & J. "VELVET GREEN" LAWN GRASS SEED

Prepare the ground so as to have a fine, smooth seed-bed, put on plenty of seed and start the lawn-mower as soon as grass is tall enough to catch the machine. The seed should be lightly raked in and the ground made smooth with a roller.

PRICE: By mail, postpaid, 30 cts. per qt., 2 qts. for 50c.; in bulk, by express, \$1.75 per pk. of 5 lbs., \$6 per bushel of 20 lbs.

QUANTITIES	TO	USE
5	Squa	re ft.

						uare ft.
						350
						1,750
	10	lbs.	for			3,500
	25	lbs.	for			.¼acre
-	_			_	-	

		ieties. 05 See also Pelargonium Seed , page 45.	1,
1		GOURDS. O § Climbers which produce curiously shaped	
I	- 75	fruit. Mixed varietiesz. 40 cts	0
I	683	HELICHRYSUM. Straw Flower. ⊙ Mixed colors	0
I	686	HELIOTROPE, Lemoine's Giant Hybrids. O The	
I		colors range from pure white through all shades of	
l		violet and purple to dark indigo-blue	1
l		Mixed. A favorite on account of its delightful fragrance.	0
ì	774	JAPANESE HOP. O § One of the most rapid, dense-	
ı		growing climbers; has variegated foliage	0
	700	HOLLYHOCK, Mammoth Alleghany. 21 Entirely dif-	
1		ferent from the old kinds. Mixed	Į
	730	ICE PLANT (Mesembryanthemum). A handsome	
		plant for hanging-baskets, vases, rockeries, etc	0
i	745	IPOMŒA noctiphyton. White Moonflower. ⊙ §	1
	751	" CARDINAL CLIMBER (I pomæa Quamoclit). § Beau-	
		tiful, brilliant cardinal flowers 10 seeds	I
	753	JAPAN IRIS (Iris Kaempferi). 2 Lovely orchid-like	
İ		flowers. Finest mixed. (See roots offered on page 32.)	Ι
	438	JOB'S TEARS (Coix Lacryma-Jobi). An old-fashioned	
ı		remedy for sore throat, etc., when the seed is strung on	
ł		thread and worn around the neckoz. 10 cts	0

800 KOCHIA scoparia. Summer Bush Cypress, or "Ball of Fire." O The Pkt. plants grow 2 1/2 feet high, and look well when planted singly . 1/4 oz. 15c. . \$0 05 1338 KUDZU VINE (Dolichos japonicus; Pueraria Thunbergiana). Jack-andthe-Beanstalk. 24 § The most rapid-growing vine. (See cut, page 45.).... 825 LANTANA. • Verbena-like flowers in pink, yellow, and orange 05 835 LAVENDER. 21 Pale blue flowers, yielding, when dried, a delightful perfume. 05 828 LATHYRUS. Perennial Pea. 21 § Perfectly hardy. Mixed colors...... 05 splendens. California Perennial Pea. 21 § Dark crimson flowers. more showy than the other varieties..... TO 838 **LEMON VERBENA.** > Leaves very fragrant...... 05 845 LOBELIA, Bedding Queen. O Deep purple flowers with white eye . . . 855 **LYCHNIS.** Ragged Robin, or Burning Star. 21 Very bright scarlet flowers. 696 MALLOW MARVELS. Hardy Hibiscus. 21 Grow about 4 feet high and bear enormous flowers. Mixed 05 900 MARIGOLD, Eldorado. O Grows large and bushy..... COL 05 05 1000 MIGNONETTE, Rosemawr. O Finest, large-flowering. Mixed. Very 1002 05 " Common Sweet. ⊙ (See cut, page 45.).....oz. 15 cts... 05 1004 MOONFLOWER. See Ipomœa noctiphyton. 1025 MORNING-GLORIES, Japanese Imperial. ① § These grow rapidly, have large leaves, and make quick shade....oz. 10c., 1/4lb. 35c... Japanese Fringed. 💿 §...oz. 12c., ¼lb. 40c... 05 Double-flowering Japan. O § Variety of colors...... 1027



Geraniums are easy to grow from seed (see above)

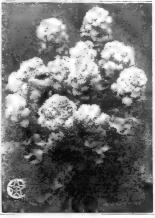


NASTURTIUMS, PELARGONIUMS, PETUNIAS, ETC.









Nasturtiums for constant bloom

Kudzu Vine (see page 44)

Mignonette (see page 44)

Nasturtiums. 5 Climbing Varieties	₹ C
An ounce of seed will produce thousands of blooms in a season	1.
1085 Mme. Gunther's Hybrids. The most popular climbing	
variety. Colors beautifuloz. 15 cts., 14lb. 50 cts\$	
1084 Jupiter. Golden yellow flowers. oz. 15 cts., ¼lb. 50 cts 1081 Chameleon. Many-colored flowers. oz. 15c., ¼lb. 50c	05
1088 King Theodore. Beautiful velvety crimson flowers.	05
oz. 30 cts., ¼lb. \$1	10
1089 Midnight. Flowers deep brownish red, soft and velvety.	
oz. 30 cts., ¼lb. \$1	IO
OFFER 45. 1 pkt. each of the 5 varieties for 30 cts., or 1 oz. of each of the 5 kinds for 75 cts., postpaid.	
5 Tom Thumb, Dwarf or Bedding Nasturtium	<u>s</u> ⊙
1053 C. & J. Large-flowering California Mixture. Beauti-	_
ful colorsoz. 15 cts., 1/4lb. 50 cts., lb. \$1.50	05
1054 Dwarf French Chameleon. Very large flowers of many	
shadesoz. 25 cts., ¼lb. 75 cts., lb. \$2.50 1055 Empress of India. Flowers dark, rich salmon-scarlet.	05
TOSS EMPORESS OF INDIA. Flowers dark field salmon-scarlet.	
	0.5
Leaves purplish greenoz. 25 cts., 1/4lb. 75 cts.	05
	05

Foliage dark green......oz. 25 cts., 1/4lb. 75 cts... OFFER 45a. 1 pkt. each of above 5 Tom Thumb Nasturtiums

1090	NICOTIANA animis. O Spiendid, pure white, Bou-	
	vardia-like flowers; intensely fragrant\$0	05
1120	ŒNOTHERA. Evening Primrose. O Brightly colored	
	single flowers which open in the evening	05
1633	PALM, Washington Weeping. The seeds germi-	
	nate quickly and grow very easily6 seeds	I
	PASSION FLOWER. Three colors mixed	10
661	PELARGONIUM. Lady Washington Geranium.	
	The finest of the Geranium family	25
1240	PENTSTEMON, Large-flowering, Mixed. 21 The	
	blooms resemble Gloxinias. Mixed colors	10
	Petunias, Double Flowers See cut, page 46	
T245	Peony-flowered. ⊙ Careful tests have shown that 75 per	
1043	cent of the blooms come double	2
1246	Double Fancy, Fringed. O	2
	Best Double. Magnificent colors	I
5-		
	Petunias, Single Flowers Note Rosy Morn	
	returnas, Single Flowers work Morn	
T 2 4 4	Cianta of California O Washell and in the stime of	
	Triants of California, (*) Wonderful combinations of	
1244	Giants of California. ① Wonderful combinations of colors, embracing every conceivable shade.	I
	colors, embracing every conceivable shade	I
	colors, embracing every conceivable shade	
1252	colors, embracing every conceivable shade	10

Choice Selected Pansies

grown in rich soil in a sunny border, but partially shaded during the hottest hours of the day. If the season is very dry water thoroughly daily.

If possible, sow your Pansy seed in a shallow box, in good soil, about 3 inches deep, during February or March to enable you to have blooms in May. Have the soil moist and keep in a light, warm place. Cover with glass about I inch above the soil to retain the moisture until the seedlings are well started. Transplant into shallow boxes when the plants are strong enough and your Pansies will be ready to set out when warm weather comes. Seeds sown outdoors in May will make plants for autumn bloom. The finest Pansies are

1193 **Trimardeau** (Giant-flowering Mixed). These Pansies are noted for their very large flowers, rich brilliant colors and vigorous growth. Pkt. 15 cts.

25 cts., or 1 oz. of each for \$1, postpaid.

1165 Conard's Sunshine Pansies. Brilliant handsome colors, fine form and rich velvety texture are the characteristics of this strain.

Pkt. 10 cts., ½oz. 75 cts.

1159 Liberty Pansies. Wonderfully bright colors. Pkt. 10c., 1/80z. 50c. 1156 Mme. Perrett. A superb strain of giant Pansies. Pkt. 10c.
 1160 Royal Prize Pansies. The best

English and French. Pkt. 15 cts.

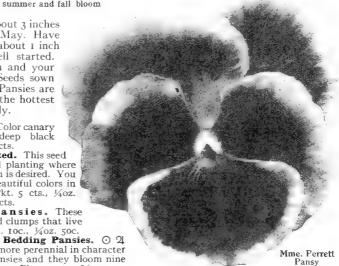
1194 Lord Baltimore. Color canary yellow with deep black center. Pkt. 15 cts.

1183 Good Quality Mixed. This seed is fine for general planting where quantity of bloom is desired. You will find some beautiful colors in this mixture. Pkt. 5 cts., 1/40z.

50 cts., ½oz. 85 cts.
1163 Sweet-scented Pansies. make deep rooted clumps that live over winter. Pkt. 10c., 1/40z. 50c.

1164 Violas, Tufted or Bedding Pansies. @ 24 These Violas are more perennial in character than ordinary Pansies and they bloom nine months in the year. Pkt. 10 cts., 1/4 oz. 50c.

Sow early in spring for



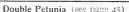




Flower Seeds

PHLOX, POPPIES, PORTULACAS, SALVIAS, ETC.











Phlox Drummondii grandiflora o

	r bedding and making ribbon lines of color, no other flower	car
appro	each these magnificent Phlox in brilliant effect.	kt.
1275	Superb Mixed. Including all colors. (See cut.). 1/20z. 25c \$0	
1276	Starred and Fringed	IC
1278	HARDY PERENNIAL PHLOX (Phlox decussata). 2	
	Mixture of finest sorts. (See cut, page 33.)	IC

The Finest Poppies_5 varieties

1290	Double Carnation Mixed. ① Unequaled for brilliancy	
	and gorgeous variety of colors. (See cut.)oz. 20 cts	05
1293	New Giant California, Irresistible. O Immense, double	
	round flowers; most exquisite, melting rose-pink	05
1297	Shirley. O All shades of rose, pink, crimson and pure	
	white. The flowers have a delicate, silky appearance	10
1292	New Iceland. 2 Entirely hardy. Mixed colors	10
1296	Oriental. 2 Immense flowers. Intense scarlet. Hardy	10
	OFFER 46. 1 pkt. each of above Poppies, 35 cts.	
1280	PLATYCODON. Tuberous-rooted Clematis; Balloon	
	Flower. 2 Flowers violet-blue	10

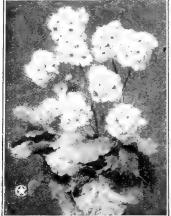
Portulaca \odot Sun Plant, or Rose Moss (see cut)

1326	Finest Single, Mixed. O 1/4 oz. 25 cts., oz. 75 cts
1325	Double Rose-flowered, Mixed. O Double Portulaca
	should be planted wherever you want to cover the ground
	between other plants
1330	PRIMULA sinensis fimbriata. Fringed Chinese Prim-
	rose. A most satisfactory house-plant. Mixed colors.
1331	" obconica grandiflora. Everblooming. A Mixed.

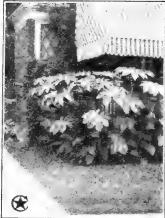


1341 RICINUS communis zanzibarensis. Giant Castor- Pkt. oil Bean. Grows 6 to 8 feet high. (See cut.) oz. 15c. . \$0 05 1346 **DWARF MULTIFLORA ROSES.** \(\sigma\) They bloom quickly, in large clusters, and are delightfully fragrant. 1345 AMERICAN PILLAR ROSE SEED. 21 § Large, single flowers of rich, rosy pink approaching brilliant carmine. 15

	Brilliant Salvias (Scarlet Sage)	
1405	Splendens, Drooping Spikes. O The flowers are intense,	
1406	dazzling scarlet. (See cut.)	15
T/107	Sage. ①	10
2407	blue flowers. Does not bloom as freely as the red Salvia.	10
1412	SCARLET RUNNER BEAN. O § Bright scarlet, pea-	
	shaped flowers; grows 10 to 12 feet high	05
1415	SCHIZANTHUS. Christmas Orchid Flower. O Large,	
T 4 2 5	curiously shaped flowers beautifully variegated SMILAX. > \\$ One of the most desirable window vines.	05
	STOCKS, Giant Perfection. O Colors, white, pink,	05
1433	mauve, red, purple, blush, etc. Mixed colors	10
1437	White Perpetual, Princess Alice, or "Cut-and-	
	come-again." O The finest white	10
1445	STOKESIA cyanea. Cornflower Aster. 21 Bears large	_
T 4 = 6	lavender-blue, cornflower-like asters from July to frost. RED SUNFLOWER. ① The plants vary in height,	10
1450	from 5 to 8 feet. Colors run from chestnut-red to red	
	and yellow, some flowers coming all yellow	10
	SWEET SCABIOSA. Mourning Bride. Mixed	05
1001	SWEET WILLIAM. Dianthus barbatus. 21 Flowers in	
	clusters; very sweet. Mixedoz. 40 cts	0.5



Primula obconica, Everblooming



Ricinus (Castor-Oil Bean)







05

10

25

SWEET PEAS, VIOLETS, VERBENAS, ZINNIAS, ETC.

Five Novelty Spencer Sweet Peas

1579 HERCULES. A magnificent, soft rose-pink self. The standard frequently measures iches in diameter. Pkt. 10 cts.

1502 KING WHITE. Superior to all other whites. Pkt. 10 cts.

1567 MARGARET ATLEE. Color is rosy salmon-pink on a creamy buff ground. Pkt. 10c. 1577 THE PRESIDENT. A wonderfully brilliant, glowing scarlet. Said to be the brightest

color we have in Sweet Peas. Pkt. 15 cts.

1501 WEDGWOOD. The best Blue Spencer. Color is beautiful pale blue. Pkt. 10 cts. OFFER 47. One pkt. each of the above 5 Novelty Sweet Peas for 45 cts.

15 Choice Spencers Price for all below, 10 cts. per pkt., 35 cts. per oz., \$1 per 1/4lb., postpaid

About 50 seeds in each package

1580 Agricola. White, suffused lilac. 1581 Barbara. Superb salmon-color.

1582 Constance Hinton. Splendid white. 1512 Countess Spencer. The original 1512 Countess Spencer. The orig Spencer. Lovely pale pink. 1570 Elfrida Pearson. Fine light pink.

1583 Elsie Edwards. Deep cream and rich

rose-pink 1514 Florence Nightingale. Soft lavender. 1572 Fiery Cross. Scintillating red. 1503 Illuminator. Salmon-cerise and orange

1515 George Herbert. Large; rosy carmine. 1578 King Edward. Rich crimson-scarlet.

1584 Margaret Madison. Clear azure-blue. 1585 Queen Victoria. Primrose and rose. 1576 Royal Purple. Rich, rosy purple. 1586 Warrior. Lovely reddish maroon.

OFFER 47a. C. & J. RAINBOW COLLECTION. The above set of 15 Spencer Sweet Peas, including all colors, for \$1.35, postpaid

4 Early-Flowering Spencer Sweet Peas

These begin to flower two weeks or more ahead of the other Spencers, and if the flowers are picked regularly and no seed-pods allowed to form, they will continue blooming as long as the other type.

1575 Improved Snowstorm. The result of a cross between King White and Yarrawa. A vigorous grower with very large white flowers borne in fours on very long stems. Very fine. Pkt. 15c.

1588 Rosemawr. Bright rose, the wings blush white. Pkt. 15 cts.

1589 Early King. The finest early-flowering crimson. The flowers are of great size and perfect form. Pkt. 15 cts.

1587 Early Bluebird. This is a charming shade of blue. Somewhat similar to Wedgwood but more of a true self, especially as the flower ages. Pkt. 15c.

OFFER 47b. 1 pkt. each of the above 4 early-flowering Sweet Peas for 50c., postpaid

Sweet Peas, Mixed

| 1564 C. & J. BEST UP-TO-DATE | Price, Postpaid | Price, Postpai



THE MORE FLOWERS SWEET PEAS. YOU CUT THE LONGER THE VINES WILL BLOOM. THIS IS A SPENCER TYPE

1615 VINCA. O § Splendid house and bedding plants, Pkt. 18 inches high, with glossy green leaves and pretty white and colored flowers. Fine mixed. So 05 1618 VIOLET. 21 Everyone loves sweet Violets for their charming color and delicious fragrance.... 1630 WALLFLOWER, Extra-Early Parisian. 21 Mag-

nificent golden yellow, single flowers; delightfully fragrant.....

1640 YUCCA. 21 Adam's Needle, or Spanish Bayonet. Bears enormous clusters of creamy white, bellshaped flowers. (See cut, page 30.).....

Lovely Verbenas for Bedding See cut

1605 CONARD'S NEW PRIZE. O The plants are enormous Pkt. bloomers, producing great sheets of flowers during the whole season; the flowers are of the largest size, most perfect form, and brightest and richest colors; they are delightfully sweet-

1607 Scarlet Defiance. O Brilliant scarlet flowers borne in splendid

clusters; showy when planted in solid beds or borders.... 1609 New Moss. O Grows very quickly from seed and soon covers the ground with a thick mat of fine, mosslike foliage and a grand profusion of lovely, rosy purple, verbena-like flowers...

OFFER 47c. 1 pkt. each of the four Verbenas offered for 35 cts., postpaid



Conard's New Prize Verbenas. The finest strain now known

Everblooming Zinnias (Youth and Old Age) See cut, page 46

1650 Haageana Perfection. O A distinct novelty. Great Pkt. bloomer; grows only 10 inches high; finest, brightest colors. Fine for bordering beds......

1651 New Giant Mammoth. O These belong to a grand new class of Zinnias, growing about 3 feet high, branching freely and bearing an immense profusion of large, double flowers of the richest and most handsome colors during the whole season. Fine double mixed colors, bright and handsome.oz. 75c..

1653 New Curled and Crested.

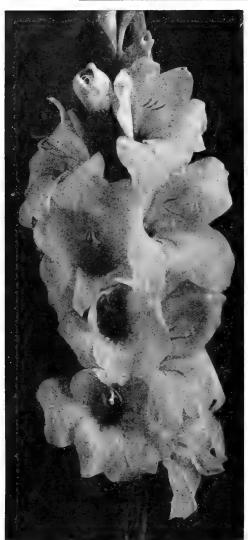
Has large, curled and crested petals, which impart a softness and beauty to the flowers that is very attractive . .

1654 **Dwarf Fireball.** ① Makes beautiful, dwarf, bushy plants, only 6 to 8 inches high, covered with large, double flowers of

1655 **Dwarf Snowball.** ① Exactly similar to the above except that the flowers are pure snow-white



SUMMER-FLOWERING BULBS



Gladiolus "America"

Calla Lilies (Richardia)

Godefreyana. Grows 18 inches. Free bloomer. Growing plants only. 35 cts. each. Elliottiana. Golden-yellow. 30 cts. each. White Calla. Lily-of-the-Nile. 25 cts. each.

Spotted Calla. White flowers; leaves spotted white. 15 cts. each.

Caladium Esculentum (Elephant's Ear)

Immense heart-shaped leaves, sometimes 3 ft. long by 2 ft. wide. 1st size, 25 cts. each; 2d size, 40 cts. each, postpaid.

Giant-Flowered Amaryllis

Hybrids of Vittata. Impressive giant flowers, beautifully striped, flaked and feathered, unique in their colorings and almost twice the size of an ordinary Amaryllis. 50 cts. each. **Johnsonii.** Large, beautiful, lily-like flowers.

Color is blazing red, striped with white. 35c. each

The Finest Gladioli All Postnaid

6 Superior Gladioli

White America. (New.) A glorious white Gladiolus with fine firm flowers, splendid for cutting. 25c. ea., or 10 for \$2.25. Pink Perfection. Color is soft apple-blossom-pink, suffused chamois. 20c. ea.

Mrs. Frank Pendleton, Jr. Immense flowers, salmon-pink with blood-red

blotch in throat. 20 cts. each.

Panama. Similar to "America" in form, but color is deep, rich pink. 20 cts. ea.

Schwaben. Delicate pale yellow, with dark blotch in the center. 20 cts. each. War. Large flowers; deep brilliant crim-

son. 20 cts. each.

NOTE. Any 12 of the above 20c. varieties for \$2. OFFER 48. The above 6 Superior Gladioli for \$1.15, postpaid.

Gladiolus Primulinus Hybrids

These blooms have the clearest tones and tints to be found in lemon, primrose, orange, russet-brown, bright rose, apricot, and some crimsons.

Mixture of Choice Light Shades. 10 cts. each, 80 cts. per doz., \$6 per 100, postpaid, or \$5 per 100 □

Lemoine's Butterfly Gladioli

These bulbs are entirely hardy and they bloom about two weeks earlier than other The flowers are rich in coloring and rival the finest orchids. 3 for 10 cts., 30 cts. per doz., \$2 per 100, postpaid.

20ffff > 48b 12 Large-Flowering Mixed Gladioli, 12 Lemoine's Butterfly Gladioli, 24 in all, for 50 cts., postpaid. 25 each of above, 50 in all, for \$1, postpaid. 25 each of

10 Selected Gladioli

AMERICA. Soft lavender-pink. The most popular Gladiolus in the United States. (See cut.) 10c. each, 12 for \$1.

ATTRACTION. Rich crimson, with white throat. 10 cts. each.

PEACE. White, with a delicate lilac feathering. 10 cts. each.

KUNDERDI "GLORY." The New Ruffled Gladiolus. Petals exquisitely ruffled and fluted; cream-pink, with crimson stripe in lower petals. 10 cts. ea.

Baron Hulot. Dark blue, slightly marked with lighter blue. 10 cts. each. Halley. Salmon-pink, with red stripe.

10 cts. each. Hondyke. Yellow, blotched crimson. Klondyke. Io cts. each.

Mrs. Francis King. Light scarlet. 10 cts. Niagara. Cream, yellow and carmine. 10c. Princeps. Brilliant scarlet-crimson, with three broad white blotches on the lower petals. 10 cts. each.

OFFER 48a. The above 10 for 85c., or any 12 of above for \$1, postpaid.

C. & J. Large-Flowering Gladioli in Separate Colors

	2 for		Doz.		100	
Reds and Scarlets\$0	10	\$0	40	\$2	00	
	IO		40	2	00	
Pink Shades	IO		40	2	00	
Yellow Shades	15		80	5	00	
Striped Shades	TO		40	2	0.0	

C. & J. Large-Flowering Mixed

An exceptionally choice mixture, with all colors included. 3 for 10 cts., 30 cts. per doz., \$1.75 per 100, postpaid.

Sweet-Scented Tuberoses

Tuberoses are among the sweetest and most beautiful flowers in existence. Plant where they are to remain after the ground gets warm and weather settled.

Double Excelsior Pearl. Grows 18 inches high, blooms early and bears immense spikes of large, pure white, perfectly double flowers; deliciously sweet. 5 for 25 cts., 12 for 50 cts., 100 for \$3.50. Extra-size, 3 for 25 cts., 12 for 75 cts., 100 for \$5, postpaid.

Silver-leaved. Leaves bordered cream-white. Flowers large, single and very sweet.

Blooms early. 3 for 25 cts., 12 for 75 cts., 100 for \$5, postpaid. Orange-flowered. Single flowers resembling orange blossoms. Very fragrant. 3 for 25 cts., 12 for 75 cts., 100 for \$5, postpaid.

Early Branching Albino. Blooms early; flowers are large, single, and well expanded; pure, waxy white and delightfully fragrant. 3 for 25c., 12 for 75c., 100 for \$5, ppd. OFFER 48c. 1 bulb each of the above 4 Tuberoses for 25 cts., postpaid.

THREE EXCELLENT SETS OF TUBEROSES

SET NO. 1. 2 Excelsior Pearl, 2 Orange-flow'd, 2 Silver-leaved, 2 Albino, 8 in all for 45c., ppd. SET NO. 2. 7 Excelsior Pearl, 2 Orange-flow'd, 2 Silver-leaved, 2 Albino, 13 in all for 75c., ppd. SET NO 3. 10 Excelsior Pearl, 5 Orange-flow'd, 2 Silver-leaved, 3 Albino, 20 in all for \$1.10, ppd.

Summer-Flowering Oxalis for Edging

When planted 3 inches apart they make an unbroken row of foliage and flowers. **Purpurea.** Finely cut foliage and rosy purple flowers. **Deppei.** Clover-like foliage; fine white flowers.

Lasiandra. Finely cut foliage and rosy pink flowers.

Prices: 12 for 20c., \$1 per 100; mixed bulbs, 12 for 15c., or 75c. per 100, postpaid

Summer-Flowering Hyacinths

(Hyacinthus candicans)

Grows 3 to 4 feet high and bears from twenty to thirty large, bell-shaped, pure white, fragrant flowers. Entirely hardy. 10 cts. each, 3 for 25 cts., 75 cts. per doz., postpaid.

Childanthus fragrans

Bright yellow flowers resembling an Amaryllis; deliciously sweet. 10c. ea., ppd.

Zephyranthes rosea (Fairy Lilies)

Color clear rose-pink. Very free in bloom. 25 cts. each, 10 for \$2 postpaid.

Flowering Bulbs



Germination Table, with Index to Flower Seeds

25 days

It is important to know the approximate time required by seeds for germina-tion in order to sow them with satisfaction and success. Many seeds are con-demned and neglected before they have had sufficient time to start. Always divide the packages and sow at different times. You can then give them a second or third trial. Sow seeds that start about the same time together. Keep the seed-box or bed moist, but not wet, and do not let the soil dry out until the

8 days

5 days

10 days

15 days

seeds have had ample time to germinate. Seeds are influenced by conditions, and the plants may appear 25 per cent earlier or 25 per cent later than the table indicates, according to circumstances. Following is the page reference and the key to germination: a, 5 days, b, 8 days, etc. The star (*) added means that the seeds may take much longer time than stated, some lying dormant for weeks or months before starting.

50 days

Indefinite

30 days

a		b	c d		е	f	g		z *		
	Days	Page		Days	Page		Days	Page		Days	Page
African Golden Daisy.	d	43	Cobæa scandens	d	42	Ice Plant	*a	44	Pinks	a	43
Agathæa amelloides	e	43	Cockscomb	e	4.3	Ipomœas	a	44	Platycodon	*2	46
Ageratum	a	42	Coix lacryma-Jobi	*	44	Iris	*2	44	Poppies	e	46 -
Alvssum	a	42	Coleus	e	43	Ivv. Boston	*	42	Portulaca	e	46
Ampelopsis	d	42	Columbine	d	42	Jack-and-the-Beanstalk	d	44	Pot Marigold	C	42
Antirrhinum	e	42	Coreopsis	e	43	Japanese Bean	d	43	Primroses	*d	46
Aquilegia	d	42	Cornflower Aster	*	46	Japanese Hop	d	44	Primulas	*d	46
Asparagus	g	42	Cosmos	a	43	Japan Iris	*2	44	Pueraria Thunbergiana.		44
Asters	h	42	Cyclamen	f	43	Job's Tears	*	44	Ragged Robin		44
Ball of Fire	d	44	Cypress Vine	a	43	Kochia scoparia	đ	44	Red Sunflower	ď	46
Bachelor's Button	*a	42	Dahlias	a	44	Kudzu Vine	đ	44	Ricinus		46
Balloon Flower	f	46	Daisies	e	43	Lady Wash. Geraniums	P	45	Rose	*	46
Balsams	C	42	Daturas	d	43	Lantana	ď	43	Rose Moss	e	46
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For the convenience of our customers, we have employed these signs to indicate the class to which belong the varieties opposite which they each appear on seed pages.

OANNUALS. These grow, flower and die the first year from seed.

© BIENNIALS. These grow from seed one year, bloom and die the next; if sown early, some varieties bloom the first year.

GREENHOUSE PLANTS. Start seeds inside, transplant outside when all danger of frost is over.

24 PERENNIALS. Continue for several years, and bloom annually after the first season; some varieties, if sown early, bloom the first year.

STOVE PLANTS. Grow inside all year. For pots only.

§ CLIMBING PLANTS. Climbers.

FLOWERS FROM SEEDS. Any ordinary soil will grow beautiful flowers if you make it fine and mellow, and plant about the time the fruit trees are coming into bloom. Very fine seeds should be merely pressed in with the hand, therefore do not cover too deeply and do not plant when ground is wet and soggy. Do not allow plants to stand too thickly; transplant if necessary. If crowded,

they cannot grow or bloom satisfactorily.

TRANSPLANTING. Nearly all flowers are improved by transplanting except sweet peas, poppies, nasturtiums, etc., which are usually sown where they are to grow. By starting tender seeds in window-boxes, hotbeds or coldframes, and transplanting at proper time when ready, you escape danger from frost.

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Helpful Books on Gardening

BOOK ON ROSES See page 9

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